



# Registration Standards Applicability List for Joint Registration Organization (JRO) JRO00050

(Will be called Coordinated Functional Registration (CFR) when the proposed revision to the rules of procedure are passed.)

Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

Member Entities	JRO Effective Registration Date
NCR00959 - Alexandria Light & Power	6/11/2009
NCR10002 - Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)	6/11/2009
NCR00980 - Detroit Lakes Public Utilities	6/11/2009
NCR00997 - Hutchinson Utilities Commission	6/11/2009
NCR01006 - Marshall Municipal Utilities	6/11/2009
NCR01014 - Missouri Basin Municipal Power Agency (MRES)	6/11/2009
NCR01016 - Moorhead Public Service	6/11/2009
NCR01024 - Pierre Municipal Utilities	6/11/2009
NCR01035 - Watertown Municipal Utilities Department	6/11/2009



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: BAL-005-0.1b**

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**Requirements:**

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R1. All generation, transmission, and load operating within an Interconnection must be included within the metered boundaries of a Balancing Authority Area.

**Responsible Members:**

NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR00997	Hutchinson Utilities Commission
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR00959	Alexandria Light & Power
NCR01006	Marshall Municipal Utilities
NCR00980	Detroit Lakes Public Utilities

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R1.3. Each Load-Serving Entity with load operating in an Interconnection shall ensure that those loads are included within the metered boundaries of a Balancing Authority Area.

**Responsible Members:**

NCR01035	Watertown Municipal Utilities Department
NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01024	Pierre Municipal Utilities
NCR00997	Hutchinson Utilities Commission
NCR00959	Alexandria Light & Power
NCR01006	Marshall Municipal Utilities
NCR00980	Detroit Lakes Public Utilities



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-001-1**

**Requirements:**

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- R1. Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load-Serving Entity shall have procedures for the recognition of and for making their operating personnel aware of sabotage events on its facilities and multi-site sabotage affecting larger portions of the Interconnection.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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- R2. Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load-Serving Entity shall have procedures for the communication of information concerning sabotage events to appropriate parties in the Interconnection.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-001-1**

**Requirements:**

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R3. Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load-Serving Entity shall provide its operating personnel with sabotage response guidelines, including personnel to contact, for reporting disturbances due to sabotage events.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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R4. Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load-Serving Entity shall establish communications contacts, as applicable, with local Federal Bureau of Investigation (FBI) or Royal Canadian Mounted Police (RCMP) officials and develop reporting procedures as appropriate to their circumstances.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-002-1**

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**Requirements:**

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R1. Critical Asset Identification Method — The Responsible Entity shall identify and document a risk-based assessment methodology to use to identify its Critical Assets.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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R1.1. The Responsible Entity shall maintain documentation describing its risk-based assessment methodology that includes procedures and evaluation criteria.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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R1.2. The risk-based assessment shall consider the following assets:

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-002-1**

**Requirements:**

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R1.2.1. Control centers and backup control centers performing the functions of the entities listed in the Applicability section of this standard.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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R1.2.2. Transmission substations that support the reliable operation of the Bulk Electric System.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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R1.2.3. Generation resources that support the reliable operation of the Bulk Electric System.

**Responsible Members:**

NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR00959 Alexandria Light & Power



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-002-1**

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**Requirements:**

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R1.2.4. Systems and facilities critical to system restoration, including blackstart generators and substations in the electrical path of transmission lines used for initial system restoration.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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R1.2.5. Systems and facilities critical to automatic load shedding under a common control system capable of shedding 300 MW or more.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power

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R1.2.6. Special Protection Systems that support the reliable operation of the Bulk Electric System.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power



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**Applicable Function: LSE**

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### Standard: CIP-002-1

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#### Requirements:

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R1.2.7. Any additional assets that support the reliable operation of the Bulk Electric System that the Responsible Entity deems appropriate to include in its assessment.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2. Critical Asset Identification - The Responsible Entity shall develop a list of its identified Critical Assets determined through an annual application of the risk-based assessment methodology required in R1. The Responsible Entity shall review this list at least annually, and update it as necessary.

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR00959	Alexandria Light & Power



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**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: CIP-002-1

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#### Requirements:

R3. Critical Cyber Asset Identification - Using the list of Critical Assets developed pursuant to Requirement R2, the Responsible Entity shall develop a list of associated Critical Cyber Assets essential to the operation of the Critical Asset. Examples at control centers and backup control centers include systems and facilities at master and remote sites that provide monitoring and control, automatic generation control, real-time power system modeling, and real-time inter-utility data exchange. The Responsible Entity shall review this list at least annually, and update it as necessary. For the purpose of Standard CIP-002, Critical Cyber Assets are further qualified to be those having at least one of the following characteristics:

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR00959	Alexandria Light & Power

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R3.1. The Cyber Asset uses a routable protocol to communicate outside the Electronic Security Perimeter; or,

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR00959	Alexandria Light & Power



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-002-1

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#### Requirements:

R3.2. The Cyber Asset uses a routable protocol within a control center; or,

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR00959	Alexandria Light & Power

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R3.3. The Cyber Asset is dial-up accessible.

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
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R4. Annual Approval - A senior manager or delegate(s) shall approve annually the list of Critical Assets and the list of Critical Cyber Assets. Based on Requirements R1, R2, and R3 the Responsible Entity may determine that it has no Critical Assets or Critical Cyber Assets. The Responsible Entity shall keep a signed and dated record of the senior manager or delegate(s)'s approval of the list of Critical Assets and the list of Critical Cyber Assets (even if such lists are null.)

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR00959	Alexandria Light & Power



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: CIP-003-1**

**Requirements:**

R1. Cyber Security Policy - The Responsible Entity shall document and implement a cyber security policy that represents management's commitment and ability to secure its Critical Cyber Assets. The Responsible Entity shall, at minimum, ensure the following:

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R1.1. The cyber security policy addresses the requirements in Standards CIP-002 through CIP-009, including provision for emergency situations.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R1.2. The cyber security policy is readily available to all personnel who have access to, or are responsible for, Critical Cyber Assets.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-003-1**

**Requirements:**

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R1.3. Annual review and approval of the cyber security policy by the senior manager assigned pursuant to R2.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2. Leadership - The Responsible Entity shall assign a senior manager with overall responsibility for leading and managing the entity's implementation of, and adherence to, Standards CIP-002 through CIP-009

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.1. The senior manager shall be identified by name, title, business phone, business address, and date of designation.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-003-1**

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**Requirements:**

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R2.2. Changes to the senior manager must be documented within thirty calendar days of the effective date.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.3. The senior manager or delegate(s), shall authorize and document any exception from the requirements of the cyber security policy.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3. Exceptions - Instances where the Responsible Entity cannot conform to its cyber security policy must be documented as exceptions and authorized by the senior manager or delegate(s).

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-003-1**

**Requirements:**

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R3.1. Exceptions to the Responsible Entity's cyber security policy must be documented within thirty days of being approved by the senior manager or delegate(s).

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3.2. Documented exceptions to the cyber security policy must include an explanation as to why the exception is necessary and any compensating measures, or a statement accepting risk.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
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R3.3. Authorized exceptions to the cyber security policy must be reviewed and approved annually by the senior manager or delegate(s) to ensure the exceptions are still required and valid. Such review and approval shall be documented.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-003-1**

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**Requirements:**

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R4. Information Protection - The Responsible Entity shall implement and document a program to identify, classify, and protect information associated with Critical Cyber Assets.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4.1. The Critical Cyber Asset information to be protected shall include, at a minimum and regardless of media type, operational procedures, lists as required in Standard CIP-002, network topology or similar diagrams, floor plans of computing centers that contain Critical Cyber Assets, equipment layouts of Critical Cyber Assets, disaster recovery plans, incident response plans, and security configuration information.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4.2. The Responsible Entity shall classify information to be protected under this program based on the sensitivity of the Critical Cyber Asset information.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
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**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-003-1**

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**Requirements:**

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R4.3. The Responsible Entity shall, at least annually, assess adherence to its Critical Cyber Asset information protection program, document the assessment results, and implement an action plan to remediate deficiencies identified during the assessment.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5. Access Control — The Responsible Entity shall document and implement a program for managing access to protected Critical Cyber Asset information.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.1. The Responsible Entity shall maintain a list of designated personnel who are responsible for authorizing logical or physical access to protected information.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-003-1**

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**Requirements:**

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R5.1.1. Personnel shall be identified by name, title, business phone and the information for which they are responsible for authorizing access.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.1.2. The list of personnel responsible for authorizing access to protected information shall be verified at least annually.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.2. The Responsible Entity shall review at least annually the access privileges to protected information to confirm that access privileges are correct and that they correspond with the Responsible Entity's needs and appropriate personnel roles and responsibilities.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
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## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-003-1

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#### Requirements:

R5.3. The Responsible Entity shall assess and document at least annually the processes for controlling access privileges to protected information.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R6. Change Control and Configuration Management — The Responsible Entity shall establish and document a process of change control and configuration management for adding, modifying, replacing, or removing Critical Cyber Asset hardware or software, and implement supporting configuration management activities to identify, control and document all entity or vendorrelated changes to hardware and software components of Critical Cyber Assets pursuant to the change control process.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-004-1**

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**Requirements:**

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R1. Awareness — The Responsible Entity shall establish, maintain, and document a security awareness program to ensure personnel having authorized cyber or authorized unescorted physical access receive on-going reinforcement in sound security practices. The program shall include security awareness reinforcement on at least a quarterly basis using mechanisms such as: Direct communications (e.g., emails, memos, computer based training, etc.); Indirect communications (e.g., posters, intranet, brochures, etc.); Management support and reinforcement (e.g., presentations, meetings, etc.).

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2. Training — The Responsible Entity shall establish, maintain, and document an annual cyber security training program for personnel having authorized cyber or authorized unescorted physical access to Critical Cyber Assets, and review the program annually and update as necessary.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: CIP-004-1

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#### Requirements:

R2.1. This program will ensure that all personnel having such access to Critical Cyber Assets, including contractors and service vendors, are trained within ninety calendar days of such authorization.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R2.2. Training shall cover the policies, access controls, and procedures as developed for the Critical Cyber Assets covered by CIP-004, and include, at a minimum, the following required items appropriate to personnel roles and responsibilities:

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R2.2.1. The proper use of Critical Cyber Assets;

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-004-1**

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**Requirements:**

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R2.2.2. Physical and electronic access controls to Critical Cyber Assets;

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.2.3. The proper handling of Critical Cyber Asset information; and,

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.2.4. Action plans and procedures to recover or re-establish Critical Cyber Assets and access thereto following a Cyber Security Incident.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-004-1

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#### Requirements:

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R2.3. The Responsible Entity shall maintain documentation that training is conducted at least annually, including the date the training was completed and attendance records.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4. Access — The Responsible Entity shall maintain list(s) of personnel with authorized cyber or authorized unescorted physical access to Critical Cyber Assets, including their specific electronic and physical access rights to Critical Cyber Assets.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-004-1

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#### Requirements:

- R4.1. The Responsible Entity shall review the list(s) of its personnel who have such access to Critical Cyber Assets quarterly, and update the list(s) within seven calendar days of any change of personnel with such access to Critical Cyber Assets, or any change in the access rights of such personnel. The Responsible Entity shall ensure access list(s) for contractors and service vendors are properly maintained.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

- R4.2. The Responsible Entity shall revoke such access to Critical Cyber Assets within 24 hours for personnel terminated for cause and within seven calendar days for personnel who no longer require such access to Critical Cyber Assets.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-005-1**

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**Requirements:**

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R1. Electronic Security Perimeter — The Responsible Entity shall ensure that every Critical Cyber Asset resides within an Electronic Security Perimeter. The Responsible Entity shall identify and document the Electronic Security Perimeter(s) and all access points to the perimeter(s).

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.1. Access points to the Electronic Security Perimeter(s) shall include any externally connected communication end point (for example, dial-up modems) terminating at any device within the Electronic Security Perimeter(s).

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.2. For a dial-up accessible Critical Cyber Asset that uses a non-routable protocol, the Responsible Entity shall define an Electronic Security Perimeter for that single access point at the dial-up device.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-005-1

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#### Requirements:

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R1.3. Communication links connecting discrete Electronic Security Perimeters shall not be considered part of the Electronic Security Perimeter. However, end points of these communication links within the Electronic Security Perimeter(s) shall be considered access points to the Electronic Security Perimeter(s).

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.4. Any non-critical Cyber Asset within a defined Electronic Security Perimeter shall be identified and protected pursuant to the requirements of Standard CIP-005.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-005-1**

**Requirements:**

R1.5. Cyber Assets used in the access control and monitoring of the Electronic Security Perimeter(s) shall be afforded the protective measures as specified in Standard CIP-003, Standard CIP-004 Requirement R3, Standard CIP-005 Requirements R2 and R3, Standard CIP-006 Requirements R2 and R3, Standard CIP-007, Requirements R1 and R3 through R9, Standard CIP-008, and Standard CIP-009.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.6. The Responsible Entity shall maintain documentation of Electronic Security Perimeter(s), all interconnected Critical and non-critical Cyber Assets within the Electronic Security Perimeter(s), all electronic access points to the Electronic Security Perimeter(s) and the Cyber Assets deployed for the access control and monitoring of these access points.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-005-1**

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**Requirements:**

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R2. Electronic Access Controls — The Responsible Entity shall implement and document the organizational processes and technical and procedural mechanisms for control of electronic access at all electronic access points to the Electronic Security Perimeter(s).

**Responsible Members:**

NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission

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R2.1. These processes and mechanisms shall use an access control model that denies access by default, such that explicit access permissions must be specified.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.2. At all access points to the Electronic Security Perimeter(s), the Responsible Entity shall enable only ports and services required for operations and for monitoring Cyber Assets within the Electronic Security Perimeter, and shall document, individually or by specified grouping, the configuration of those ports and services.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-005-1

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#### Requirements:

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R2.3. The Responsible Entity shall maintain a procedure for securing dial-up access to the Electronic Security Perimeter(s).

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.4. Where external interactive access into the Electronic Security Perimeter has been enabled, the Responsible Entity shall implement strong procedural or technical controls at the access points to ensure authenticity of the accessing party, where technically feasible.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.5. The required documentation shall, at least, identify and describe:

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-005-1

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#### Requirements:

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R2.5.1. The processes for access request and authorization.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.5.2. The authentication methods.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.5.3. The review process for authorization rights, in accordance with Standard CIP-004 Requirement R4.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-005-1

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#### Requirements:

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R2.5.4. The controls used to secure dial-up accessible connections.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.6. Appropriate Use Banner — Where technically feasible, electronic access control devices shall display an appropriate use banner on the user screen upon all interactive access attempts. The Responsible Entity shall maintain a document identifying the content of the banner.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3. Monitoring Electronic Access — The Responsible Entity shall implement and document an electronic or manual process(es) for monitoring and logging access at access points to the Electronic Security Perimeter(s) twenty-four hours a day, seven days a week.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-005-1**

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**Requirements:**

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R3.1. For dial-up accessible Critical Cyber Assets that use non-routable protocols, the Responsible Entity shall implement and document monitoring process(es) at each access point to the dial-up device, where technically feasible.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
  - NCR00980 Detroit Lakes Public Utilities
  - NCR00997 Hutchinson Utilities Commission
  - NCR01006 Marshall Municipal Utilities
  - NCR01016 Moorhead Public Service
  - NCR01024 Pierre Municipal Utilities
  - NCR01035 Watertown Municipal Utilities Department
  - NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
- 

R3.2. Where technically feasible, the security monitoring process(es) shall detect and alert for attempts at or actual unauthorized accesses. These alerts shall provide for appropriate notification to designated response personnel. Where alerting is not technically feasible, the Responsible Entity shall review or otherwise assess access logs for attempts at or actual unauthorized accesses at least every ninety calendar days.

**Responsible Members:**

- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: CIP-005-1**

**Requirements:**

R4. Cyber Vulnerability Assessment — The Responsible Entity shall perform a cyber vulnerability assessment of the electronic access points to the Electronic Security Perimeter(s) at least annually. The vulnerability assessment shall include, at a minimum, the following:

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R4.1. A document identifying the vulnerability assessment process;

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R4.2. A review to verify that only ports and services required for operations at these access points are enabled;

**Responsible Members:**

- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-005-1

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#### Requirements:

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R4.3. The discovery of all access points to the Electronic Security Perimeter;

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4.4. A review of controls for default accounts, passwords, and network management community strings; and,

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4.5. Documentation of the results of the assessment, the action plan to remediate or mitigate vulnerabilities identified in the assessment, and the execution status of that action plan.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: CIP-005-1

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#### Requirements:

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R5. Documentation Review and Maintenance — The Responsible Entity shall review, update, and maintain all documentation to support compliance with the requirements of Standard CIP-005.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.1. The Responsible Entity shall ensure that all documentation required by Standard CIP-005 reflect current configurations and processes and shall review the documents and procedures referenced in Standard CIP-005 at least annually.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.2. The Responsible Entity shall update the documentation to reflect the modification of the network or controls within ninety calendar days of the change.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-005-1**

**Requirements:**

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R5.3. The Responsible Entity shall retain electronic access logs for at least ninety calendar days. Logs related to reportable incidents shall be kept in accordance with the requirements of Standard CIP-008.

**Responsible Members:**

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-006-1**

**Requirements:**

R1. Physical Security Plan — The Responsible Entity shall create and maintain a physical security plan, approved by a senior manager or delegate(s) that shall address, at a minimum, the following:

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R1.1. Processes to ensure and document that all Cyber Assets within an Electronic Security Perimeter also reside within an identified Physical Security Perimeter. Where a completely enclosed (“six-wall”) border cannot be established, the Responsible Entity shall deploy and document alternative measures to control physical access to the Critical Cyber Assets.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R1.2. Processes to identify all access points through each Physical Security Perimeter and measures to control entry at those access points.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-006-1**

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**Requirements:**

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R1.3. Processes, tools, and procedures to monitor physical access to the perimeter(s).

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.4. Procedures for the appropriate use of physical access controls as described in Requirement R3 including visitor pass management, response to loss, and prohibition of inappropriate use of physical access controls.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.5. Procedures for reviewing access authorization requests and revocation of access authorization, in accordance with CIP-004 Requirement R4.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-006-1

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#### Requirements:

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R1.6. Procedures for escorted access within the physical security perimeter of personnel not authorized for unescorted access.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.7. Process for updating the physical security plan within ninety calendar days of any physical security system redesign or reconfiguration, including, but not limited to, addition or removal of access points through the physical security perimeter, physical access controls, monitoring controls, or logging controls.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-006-1**

**Requirements:**

R1.8. Cyber Assets used in the access control and monitoring of the Physical Security Perimeter(s) shall be afforded the protective measures specified in Standard CIP-003, Standard CIP-004 Requirement R3, Standard CIP-005 Requirements R2 and R3, Standard CIP-006 Requirement R2 and R3, Standard CIP-007, Standard CIP-008 and Standard CIP-009.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.9. Process for ensuring that the physical security plan is reviewed at least annually.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2. Physical Access Controls — The Responsible Entity shall document and implement the operational and procedural controls to manage physical access at all access points to the Physical Security Perimeter(s) twenty-four hours a day, seven days a week. The Responsible Entity shall implement one or more of the following physical access methods:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-006-1

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#### Requirements:

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R2.1. Card Key: A means of electronic access where the access rights of the card holder are predefined in a computer database. Access rights may differ from one perimeter to another.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.2. Special Locks: These include, but are not limited to, locks with “restricted key” systems, magnetic locks that can be operated remotely, and “man-trap” systems.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.3. Security Personnel: Personnel responsible for controlling physical access who may reside on-site or at a monitoring station.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: CIP-006-1

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#### Requirements:

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R2.4. Other Authentication Devices: Biometric, keypad, token, or other equivalent devices that control physical access to the Critical Cyber Assets.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3. Monitoring Physical Access — The Responsible Entity shall document and implement the technical and procedural controls for monitoring physical access at all access points to the Physical Security Perimeter(s) twenty-four hours a day, seven days a week. Unauthorized access attempts shall be reviewed immediately and handled in accordance with the procedures specified in Requirement CIP-008. One or more of the following monitoring methods shall be used:

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3.1. Alarm Systems: Systems that alarm to indicate a door, gate or window has been pene d without authorization. These alarms must provide for immediate notification to personnel responsible for response.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: CIP-006-1**

**Requirements:**

R3.2. Human Observation of Access Points: Monitoring of physical access points by authorized personnel as specified in Requirement R2.3.

**Responsible Members:**

- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities

R4. Logging Physical Access — Logging shall record sufficient information to uniquely identify individuals and the time of access twenty-four hours a day, seven days a week. The Responsible Entity shall implement and document the technical and procedural mechanisms for logging physical entry at all access points to the Physical Security Perimeter(s) using one or more of the following logging methods or their equivalent:

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00997 Hutchinson Utilities Commission
- NCR00980 Detroit Lakes Public Utilities
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R4.1. Computerized Logging: Electronic logs produced by the Responsible Entity's selected access control and monitoring method.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00997 Hutchinson Utilities Commission
- NCR00980 Detroit Lakes Public Utilities
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-006-1**

**Requirements:**

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R4.2. Video Recording: Electronic capture of video images of sufficient quality to determine identity.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4.3. Manual Logging: A log book or sign-in sheet, or other record of physical access maintained by security or other personnel authorized to control and monitor physical access as specified in Requirement R2.3.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5. Access Log Retention — The Responsible Entity shall retain physical access logs for at least ninety calendar days. Logs related to reportable incidents shall be kept in accordance with the requirements of Standard CIP-008.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-006-1**

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**Requirements:**

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R6. Maintenance and Testing — The Responsible Entity shall implement a maintenance and testing program to ensure that all physical security systems under Requirements R2, R3, and R4 function properly. The program must include, at a minimum, the following:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R6.1. Testing and maintenance of all physical security mechanisms on a cycle no longer than three years.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R6.2. Retention of testing and maintenance records for the cycle determined by the Responsible Entity in Requirement R6.1.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR00980 Detroit Lakes Public Utilities  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-006-1**

**Requirements:**

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R6.3. Retention of outage records regarding access controls, logging, and monitoring for a minimum of one calendar year.

**Responsible Members:**

NCR00959	Alexandria Light & Power
NCR00997	Hutchinson Utilities Commission
NCR00980	Detroit Lakes Public Utilities
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

**Requirements:**

- R1. Test Procedures — The Responsible Entity shall ensure that new Cyber Assets and significant changes to existing Cyber Assets within the Electronic Security Perimeter do not adversely affect existing cyber security controls. For purposes of Standard CIP-007, a significant change shall, at a minimum, include implementation of security patches, cumulative service packs, vendor releases, and version upgrades of operating systems, applications, database platforms, or other third-party software or firmware.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00997 Hutchinson Utilities Commission
- NCR00980 Detroit Lakes Public Utilities
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

- 
- R1.1. The Responsible Entity shall create, implement, and maintain cyber security test procedures in a manner that minimizes adverse effects on the production system or its operation.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00997 Hutchinson Utilities Commission
- NCR00980 Detroit Lakes Public Utilities
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

- 
- R1.2. The Responsible Entity shall document that testing is performed in a manner that reflects the production environment.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-007-1

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#### Requirements:

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R1.3. The Responsible Entity shall document test results.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2. Ports and Services — The Responsible Entity shall establish and document a process to ensure that only those ports and services required for normal and emergency operations are enabled.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2.1. The Responsible Entity shall enable only those ports and services required for normal and emergency operations.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-007-1

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#### Requirements:

R2.2. The Responsible Entity shall disable other ports and services, including those used for testing purposes, prior to production use of all Cyber Assets inside the Electronic Security Perimeter(s).

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R2.3. In the case where unused ports and services cannot be disabled due to technical limitations, the Responsible Entity shall document compensating measure(s) applied to mitigate risk exposure or an acceptance of risk.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R3. Security Patch Management — The Responsible Entity, either separately or as a component of the documented configuration management process specified in CIP-003 Requirement R6, shall establish and document a security patch management program for tracking, evaluating, testing, and installing applicable cyber security software patches for all Cyber Assets within the Electronic Security Perimeter(s).

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: CIP-007-1

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#### Requirements:

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R3.1. The Responsible Entity shall document the assessment of security patches and security upgrades for applicability within thirty calendar days of availability of the patches or upgrades.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3.2. The Responsible Entity shall document the implementation of security patches. In any case where the patch is not installed, the Responsible Entity shall document compensating measure(s) applied to mitigate risk exposure or an acceptance of risk.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4. Malicious Software Prevention — The Responsible Entity shall use anti-virus software and other malicious software (“malware”) prevention tools, where technically feasible, to detect, prevent, deter, and mitigate the introduction, exposure, and propagation of malware on all Cyber Assets within the Electronic Security Perimeter(s).

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
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**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

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**Requirements:**

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R4.1. The Responsible Entity shall document and implement anti-virus and malware prevention tools. In the case where anti-virus software and malware prevention tools are not installed, the Responsible Entity shall document compensating measure(s) applied to mitigate risk exposure or an acceptance of risk.

**Responsible Members:**

- NCR00980 Detroit Lakes Public Utilities
  - NCR00997 Hutchinson Utilities Commission
  - NCR01016 Moorhead Public Service
  - NCR01006 Marshall Municipal Utilities
  - NCR01024 Pierre Municipal Utilities
  - NCR01035 Watertown Municipal Utilities Department
  - NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
  - NCR00959 Alexandria Light & Power
- 

R4.2. The Responsible Entity shall document and implement a process for the update of anti-virus and malware prevention “signatures.” The process must address testing and installing the signatures.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
  - NCR00980 Detroit Lakes Public Utilities
  - NCR00997 Hutchinson Utilities Commission
  - NCR01016 Moorhead Public Service
  - NCR01006 Marshall Municipal Utilities
  - NCR01024 Pierre Municipal Utilities
  - NCR01035 Watertown Municipal Utilities Department
  - NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
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R5. Account Management — The Responsible Entity shall establish, implement, and document technical and procedural controls that enforce access authentication of, and accountability for, all user activity, and that minimize the risk of unauthorized system access.

**Responsible Members:**

- NCR00980 Detroit Lakes Public Utilities
  - NCR00997 Hutchinson Utilities Commission
  - NCR01016 Moorhead Public Service
  - NCR01006 Marshall Municipal Utilities
  - NCR01024 Pierre Municipal Utilities
  - NCR01035 Watertown Municipal Utilities Department
  - NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
  - NCR00959 Alexandria Light & Power
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## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-007-1

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#### Requirements:

R5.1. The Responsible Entity shall ensure that individual and shared system accounts and authorized access permissions are consistent with the concept of “need to know” with respect to work functions performed.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.1.1. The Responsible Entity shall ensure that user accounts are implemented as approved by designated personnel. Refer to Standard CIP-003 Requirement R5.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.1.2. The Responsible Entity shall establish methods, processes, and procedures that generate logs of sufficient detail to create historical audit trails of individual user account access activity for a minimum of ninety days.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

**Requirements:**

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R5.1.3. The Responsible Entity shall review, at least annually, user accounts to verify access privileges are in accordance with Standard CIP-003 Requirement R5 and Standard CIP-004 Requirement R4.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.2. The Responsible Entity shall implement a policy to minimize and manage the scope and acceptable use of administrator, shared, and other generic account privileges including factory default accounts.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.2.1. The policy shall include the removal, disabling, or renaming of such accounts where possible. For such accounts that must remain enabled, passwords shall be changed prior to putting any system into service.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
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## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-007-1

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#### Requirements:

R5.2.2. The Responsible Entity shall identify those individuals with access to shared accounts.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.2.3. Where such accounts must be shared, the Responsible Entity shall have a policy for managing the use of such accounts that limits access to only those with authorization, an audit trail of the account use (automated or manual), and steps for securing the account in the event of personnel changes (for example, change in assignment or termination).

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.3. At a minimum, the Responsible Entity shall require and use passwords, subject to the following, as technically feasible:

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-007-1

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#### Requirements:

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R5.3.1. Each password shall be a minimum of six characters.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.3.2. Each password shall consist of a combination of alpha, numeric, and “special” characters.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R5.3.3. Each password shall be changed at least annually, or more frequently based on risk.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

**Requirements:**

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R6. Security Status Monitoring — The Responsible Entity shall ensure that all Cyber Assets within the Electronic Security Perimeter, as technically feasible, implement automated tools or organizational process controls to monitor system events that are related to cyber security.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R6.1. The Responsible Entity shall implement and document the organizational processes and technical and procedural mechanisms for monitoring for security events on all Cyber Assets within the Electronic Security Perimeter.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R6.2. The security monitoring controls shall issue automated or manual alerts for detected Cyber Security Incidents.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

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**Requirements:**

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R6.3. The Responsible Entity shall maintain logs of system events related to cyber security, where technically feasible, to support incident response as required in Standard CIP-008.

**Responsible Members:**

NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities

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R6.4. The Responsible Entity shall retain all logs specified in Requirement R6 for ninety calendar days.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R6.5. The Responsible Entity shall review logs of system events related to cyber security and maintain records documenting review of logs.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

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**Requirements:**

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R7. Disposal or Redeployment — The Responsible Entity shall establish formal methods, processes, and procedures for disposal or redeployment of Cyber Assets within the Electronic Security Perimeter(s) as identified and documented in Standard CIP-005.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R7.1. Prior to the disposal of such assets, the Responsible Entity shall destroy or erase the data storage media to prevent unauthorized retrieval of sensitive cyber security or reliability data.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R7.2. Prior to redeployment of such assets, the Responsible Entity shall, at a minimum, erase the data storage media to prevent unauthorized retrieval of sensitive cyber security or reliability data.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-007-1

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#### Requirements:

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R7.3. The Responsible Entity shall maintain records that such assets were disposed of or redeployed in accordance with documented procedures.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R8. Cyber Vulnerability Assessment — The Responsible Entity shall perform a cyber vulnerability assessment of all Cyber Assets within the Electronic Security Perimeter at least annually. The vulnerability assessment shall include, at a minimum, the following:

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R8.1. A document identifying the vulnerability assessment process;

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

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**Requirements:**

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R8.2. A review to verify that only ports and services required for operation of the Cyber Assets within the Electronic Security Perimeter are enabled;

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R8.3. A review of controls for default accounts; and,

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R8.4. Documentation of the results of the assessment, the action plan to remediate or mitigate vulnerabilities identified in the assessment, and the execution status of that action plan.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-007-1**

**Requirements:**

- R9. Documentation Review and Maintenance — The Responsible Entity shall review and update the documentation specified in Standard CIP-007 at least annually. Changes resulting from modifications to the systems or controls shall be documented within ninety calendar days of the change.

**Responsible Members:**

NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-008-1**

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**Requirements:**

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R1. Cyber Security Incident Response Plan — The Responsible Entity shall develop and maintain a Cyber Security Incident response plan. The Cyber Security Incident Response plan shall address, at a minimum, the following:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.1. Procedures to characterize and classify events as reportable Cyber Security Incidents.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.2. Response actions, including roles and responsibilities of incident response teams, incident handling procedures, and communication plans.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-008-1**

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**Requirements:**

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R1.3. Process for reporting Cyber Security Incidents to the Electricity Sector Information Sharing and Analysis Center (ES ISAC). The Responsible Entity must ensure that all reportable Cyber Security Incidents are reported to the ES ISAC either directly or through an intermediary.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.4. Process for updating the Cyber Security Incident response plan within ninety calendar days of any changes.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.5. Process for ensuring that the Cyber Security Incident response plan is reviewed at least annually.

**Responsible Members:**

- NCR00959 Alexandria Light & Power
- NCR00980 Detroit Lakes Public Utilities
- NCR00997 Hutchinson Utilities Commission
- NCR01016 Moorhead Public Service
- NCR01006 Marshall Municipal Utilities
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-008-1**

**Requirements:**

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R1.6. Process for ensuring the Cyber Security Incident response plan is tested at least annually. A test of the incident response plan can range from a paper drill, to a full operational exercise, to the response to an actual incident.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R2. Cyber Security Incident Documentation — The Responsible Entity shall keep relevant documentation related to Cyber Security Incidents reportable per Requirement R1.1 for three calendar years.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-009-1

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#### Requirements:

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R1. Recovery Plans — The Responsible Entity shall create and annually review recovery plan(s) for Critical Cyber Assets. The recovery plan(s) shall address at a minimum the following:

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.1. Specify the required actions in response to events or conditions of varying duration and severity that would activate the recovery plan(s).

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.2. Define the roles and responsibilities of responders.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: CIP-009-1

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#### Requirements:

R2. Exercises — The recovery plan(s) shall be exercised at least annually. An exercise of the recovery plan(s) can range from a paper drill, to a full operational exercise, to recovery from an actual incident.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R3. Change Control — Recovery plan(s) shall be updated to reflect any changes or lessons learned as a result of an exercise or the recovery from an actual incident. Updates shall be communicated to personnel responsible for the activation and implementation of the recovery plan(s) within ninety calendar days of the change.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R4. Backup and Restore — The recovery plan(s) shall include processes and procedures for the backup and storage of information required to successfully restore Critical Cyber Assets. For example, backups may include spare electronic components or equipment, written documentation of configuration settings, tape backup, etc.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: CIP-009-1**

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**Requirements:**

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- R5. Testing Backup Media — Information essential to recovery that is stored on backup media shall be tested at least annually to ensure that the information is available. Testing can be completed off site.

**Responsible Members:**

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: EOP-002-2**

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**Requirements:**

- R9. When a Transmission Service Provider expects to elevate the transmission service priority of an Interchange Transaction from Priority 6 (Network Integration Transmission Service from Non-designated Resources) to Priority 7 (Network Integration Transmission Service from designated Network Resources) as permitted in its transmission tariff (See Attachment 1-IRO-006-0 "Transmission Loading Relief Procedure" for explanation of Transmission Service Priorities):

**Responsible Members:**

- NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)

- 
- R9.1. The deficient Load-Serving Entity shall request its Reliability Coordinator to initiate an Energy Emergency Alert in accordance with Attachment 1-EOP-002-0.

**Responsible Members:**

- NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: EOP-004-1**

**Requirements:**

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R2. A Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator or Load-Serving Entity shall promptly analyze Bulk Electric System disturbances on its system or facilities.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3. A Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator or Load-Serving Entity experiencing a reportable incident shall provide a preliminary written report to its Regional Reliability Organization and NERC.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: EOP-004-1

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#### Requirements:

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- R3.1. The affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator or Load-Serving Entity shall submit within 24 hours of the disturbance or unusual occurrence either a copy of the report submitted to DOE, or, if no DOE report is required, a copy of the NERC Interconnection Reliability Operating Limit and Preliminary Disturbance Report form. Events that are not identified until some time after they occur shall be reported within 24 hours of being recognized.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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- R3.2. Applicable reporting forms are provided in Attachments 1-EOP-004 and 2-EOP-004.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: EOP-004-1**

**Requirements:**

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R3.3. Under certain adverse conditions, e.g., severe weather, it may not be possible to assess the damage caused by a disturbance and issue a written Interconnection Reliability Operating Limit and Preliminary Disturbance Report within 24 hours. In such cases, the affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load-Serving Entity shall promptly notify its Regional Reliability Organization(s) and NERC, and verbally provide as much information as is available at that time. The affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load-Serving Entity shall then provide timely, periodic verbal updates until adequate information is available to issue a written Preliminary Disturbance Report.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R3.4. If, in the judgment of the Regional Reliability Organization, after consultation with the Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load-Serving Entity in which a disturbance occurred, a final report is required, the affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load-Serving Entity shall prepare this report within 60 days. As a minimum, the final report shall have a discussion of the events and its cause, the conclusions reached, and recommendations to prevent recurrence of this type of event. The report shall be subject to Regional Reliability Organization approval.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: FAC-002-0**

**Requirements:**

R1. The Generator Owner, Transmission Owner, Distribution Provider, and Load-Serving Entity seeking to integrate generation facilities, transmission facilities, and electricity end-user facilities shall each coordinate and cooperate on its assessments with its Transmission Planner and Planning Authority. The assessment shall include:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R1.1. Evaluation of the reliability impact of the new facilities and their connections on the interconnected transmission systems.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R1.2. Ensurance of compliance with NERC Reliability Standards and applicable Regional, subregional, Power Pool, and individual system planning criteria and facility connection requirements.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: FAC-002-0**

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**Requirements:**

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R1.3. Evidence that the parties involved in the assessment have coordinated and cooperated on the assessment of the reliability impacts of new facilities on the interconnected transmission systems. While these studies may be performed independently, the results shall be jointly evaluated and coordinated by the entities involved.

**Responsible Members:**

NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities

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R1.4. Evidence that the assessment included steady-state, short-circuit, and dynamics studies as necessary to evaluate system performance in accordance with Reliability Standard TPL-001-0.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R1.5. Documentation that the assessment included study assumptions, system performance, alternatives considered, and jointly coordinated recommendations.

**Responsible Members:**

NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: FAC-002-0**

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**Requirements:**

- R2. The Planning Authority, Transmission Planner, Generator Owner, Transmission Owner, Load-Serving Entity, and Distribution Provider shall each retain its documentation (of its evaluation of the reliability impact of the new facilities and their connections on the interconnected transmission systems) for three years and shall provide the documentation to the Regional Reliability Organization(s) Regional Reliability Organization(s) and NERC on request (within 30 calendar days).

**Responsible Members:**

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: IRO-001-1.1

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#### Requirements:

- R8. Transmission Operators, Balancing Authorities, Generator Operators, Transmission Service Providers, Load-Serving Entities, and Purchasing-Selling Entities shall comply with Reliability Coordinator directives unless such actions would violate safety, equipment, or regulatory or statutory requirements. Under these circumstances, the Transmission Operator, Balancing Authority, Generator Operator, Transmission Service Provider, Load-Serving Entity, or Purchasing-Selling Entity shall immediately inform the Reliability Coordinator of the inability to perform the directive so that the Reliability Coordinator may implement alternate remedial actions.

#### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: IRO-004-1**

**Requirements:**

- R4. Each Transmission Operator, Balancing Authority, Transmission Owner, Generator Owner, Generator Operator, and Load-Serving Entity in the Reliability Coordinator Area shall provide information required for system studies, such as critical facility status, Load, generation, operating reserve projections, and known Interchange Transactions. This information shall be available by 1200 Central Standard Time for the Eastern Interconnection and 1200 Pacific Standard Time for the Western Interconnection.

**Responsible Members:**

- NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: IRO-005-2**

### Requirements:

- R13. Each Reliability Coordinator shall ensure that all Transmission Operators, Balancing Authorities, Generator Operators, Transmission Service Providers, Load-Serving Entities, and Purchasing-Selling Entities operate to prevent the likelihood that a disturbance, action, or nonaction in its Reliability Coordinator Area will result in a SOL or IROL violation in another area of the Interconnection. In instances where there is a difference in derived limits, the Reliability Coordinator and its Transmission Operators, Balancing Authorities, Generator Operators, Transmission Service Providers, Load-Serving Entities, and Purchasing-Selling Entities shall always operate the Bulk Electric System to the most limiting parameter.

### Responsible Members:

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: MOD-017-0.1**

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**Requirements:**

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R1. The Load-Serving Entity, Planning Authority and Resource Planner shall each provide the following information annually on an aggregated Regional, subregional, Power Pool, individual system, or Load-Serving Entity basis to NERC, the Regional Reliability Organizations, and any other entities specified by the documentation in Standard MOD-016-1\_R1.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R1.1. Integrated hourly demands in megawatts (MW) for the prior year.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R1.2. Monthly and annual peak hour actual demands in MW and Net Energy for Load in gigawatthours (GWh) for the prior year.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R1.3. Monthly peak hour forecast demands in MW and Net Energy for Load in GWh for the next two years.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R1.4. Annual Peak hour forecast demands (summer and winter) in MW and annual Net Energy for load in GWh for at least five years and up to ten years into the future, as requested.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: MOD-018-0**

**Requirements:**

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R1. The Load-Serving Entity, Planning Authority, Transmission Planner and Resource Planner's report of actual and forecast demand data (reported on either an aggregated or dispersed basis) shall:

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R1.1. Indicate whether the demand data of nonmember entities within an area or Regional Reliability Organization are included, and

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R1.2. Address assumptions, methods, and the manner in which uncertainties are treated in the forecasts of aggregated peak demands and Net Energy for Load.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R1.3. Items (MOD-018-0\_R 1.1) and (MOD-018-0\_R 1.2) shall be addressed as described in the reporting procedures developed for Standard MOD-016-1\_R 1.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R2. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each report data associated with Reliability Standard MOD-018-0\_R1 to NERC, the Regional Reliability Organization, Load-Serving Entity, Planning Authority, and Resource Planner on request (within 30 calendar days).

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: MOD-019-0.1**

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**Requirements:**

- R1. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each provide annually its forecasts of interruptible demands and Direct Control Load Management (DCLM) data for at least five years and up to ten years into the future, as requested, for summer and winter peak system conditions to NERC, the Regional Reliability Organizations, and other entities (Load-Serving Entities, Planning Authorities, and Resource Planners) as specified by the documentation in Reliability Standard MOD-016-1\_R1.

**Responsible Members:**

- NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: MOD-020-0**

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**Requirements:**

- R1. The Load-Serving Entity, Transmission Planner, and Resource Planner shall each make known its amount of interruptible demands and Direct Control Load Management (DCLM) to Transmission Operators, Balancing Authorities, and Reliability Coordinators on request within 30 calendar days.

**Responsible Members:**

- NCR00997 Hutchinson Utilities Commission  
NCR01014 Missouri Basin Municipal Power Agency (MRES)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: MOD-021-0

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#### Requirements:

R1. The Load-Serving Entity, Transmission Planner, and Resource Planner's forecasts shall each clearly document how the Demand and energy effects of DSM programs (such as conservation, time-of-use rates, interruptible Demands, and Direct Control Load Management) are addressed.

#### Responsible Members:

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R2. The Load-Serving Entity, Transmission Planner, and Resource Planner shall each include information detailing how Demand-Side Management measures are addressed in the forecasts of its Peak Demand and annual Net Energy for Load in the data reporting procedures of Standard MOD-016-0\_R 1.

#### Responsible Members:

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R3. The Load-Serving Entity, Transmission Planner, and Resource Planner shall each make documentation on the treatment of its DSM programs available to NERC on request (within 30 calendar days).

#### Responsible Members:

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: NUC-001-1**

**Requirements:**

R1. The Nuclear Plant Generator Operator shall provide the proposed NPIRs in writing to the applicable Transmission Entities and shall verify receipt

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R2. The Nuclear Plant Generator Operator and the applicable Transmission Entities shall have in effect one or more Agreements<sup>1</sup> that include mutually agreed to NPIRs and document how the Nuclear Plant Generator Operator and the applicable Transmission Entities shall address and implement these NPIRs.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R3. Per the Agreements developed in accordance with this standard, the applicable Transmission Entities shall incorporate the NPIRs into their planning analyses of the electric system and shall communicate the results of these analyses to the Nuclear Plant Generator Operator.

**Responsible Members:**

NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: NUC-001-1**

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**Requirements:**

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R4. Per the Agreements developed in accordance with this standard, the applicable Transmission Entities shall:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4.1. Incorporate the NPIRs into their operating analyses of the electric system.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R4.2. Operate the electric system to meet the NPIRs.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: NUC-001-1**

**Requirements:**

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R4.3. Inform the Nuclear Plant Generator Operator when the ability to assess the operation of the electric system affecting NPIRs is lost.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R6. Per the Agreements developed in accordance with this standard, the applicable Transmission Entities and the Nuclear Plant Generator Operator shall coordinate outages and maintenance activities which affect the NPIRs.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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R7. Per the Agreements developed in accordance with this standard, the Nuclear Plant Generator Operator shall inform the applicable Transmission Entities of actual or proposed changes to nuclear plant design, configuration, operations, limits, protection systems, or capabilities that may impact the ability of the electric system to meet the NPIRs.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR00959 Alexandria Light & Power



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: NUC-001-1**

**Requirements:**

R8. Per the Agreements developed in accordance with this standard, the applicable Transmission Entities shall inform the Nuclear Plant Generator Operator of actual or proposed changes to electric system design, configuration, operations, limits, protection systems, or capabilities that may impact the ability of the electric system to meet the NPIRs.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R9. The Nuclear Plant Generator Operator and the applicable Transmission Entities shall include, as a minimum, the following elements within the agreement(s) identified in R2:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R9.1. Administrative elements:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: NUC-001-1

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#### Requirements:

R9.1.1. Definitions of key terms used in the agreement.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

R9.1.2. Names of the responsible entities, organizational relationships, and responsibilities related to the NPIRs.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

R9.1.3. A requirement to review the agreement(s) at least every three years.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: NUC-001-1**

**Requirements:**

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R9.1.4. A dispute resolution mechanism.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

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R9.2. Technical requirements and analysis:

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

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R9.2.1. Identification of parameters, limits, configurations, and operating scenarios included in the NPIRs and, as applicable, procedures for providing any specific data not provided within the agreement.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: NUC-001-1**

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**Requirements:**

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R9.2.2. Identification of facilities, components, and configuration restrictions that are essential for meeting the NPIRs.

**Responsible Members:**

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01035	Watertown Municipal Utilities Department

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R9.2.3. Types of planning and operational analyses performed specifically to support the NPIRs, including the frequency of studies and types of Contingencies and scenarios required.

**Responsible Members:**

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01035	Watertown Municipal Utilities Department

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R9.3. Operations and maintenance coordination:

**Responsible Members:**

NCR00959	Alexandria Light & Power
NCR00980	Detroit Lakes Public Utilities
NCR00997	Hutchinson Utilities Commission
NCR01016	Moorhead Public Service
NCR01006	Marshall Municipal Utilities
NCR01024	Pierre Municipal Utilities
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01035	Watertown Municipal Utilities Department

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## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: NUC-001-1

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#### Requirements:

R9.3.1. Designation of ownership of electrical facilities at the interface between the electric system and the nuclear plant and responsibilities for operational control coordination and maintenance of these facilities.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

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R9.3.2. Identification of any maintenance requirements for equipment not owned or controlled by the Nuclear Plant Generator Operator that are necessary to meet the NPIRs.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

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R9.3.3. Coordination of testing, calibration and maintenance of on-site and off-site power supply systems and related components.

#### Responsible Members:

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: NUC-001-1**

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**Requirements:**

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R9.3.4. Provisions to address mitigating actions needed to avoid violating NPIRs and to address periods when responsible Transmission Entity loses the ability to assess the capability of the electric system to meet the NPIRs. These provisions shall include responsibility to notify the Nuclear Plant Generator Operator within a specified time frame.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

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R9.3.5. Provision to consider nuclear plant coping times required by the NPLRs and their relation to the coordination of grid and nuclear plant restoration following a nuclear plant loss of Off-site Power.

**Responsible Members:**

NCR00959 Alexandria Light & Power  
NCR00980 Detroit Lakes Public Utilities  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

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R9.3.6. Coordination of physical and cyber security protection of the Bulk Electric System at the nuclear plant interface to ensure each asset is covered under at least one entity's plan.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01016 Moorhead Public Service  
NCR01006 Marshall Municipal Utilities  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

**Standard: NUC-001-1**

**Requirements:**

R9.3.7. Coordination of the NPIRs with transmission system Special Protection Systems and underfrequency and undervoltage load shedding programs.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR01024 Pierre Municipal Utilities  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01035 Watertown Municipal Utilities Department

R9.4. Communications and training:

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

R9.4.1. Provisions for communications between the Nuclear Plant Generator Operator and Transmission Entities, including communications protocols, notification time requirements, and definitions of terms.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: NUC-001-1**

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**Requirements:**

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R9.4.2. Provisions for coordination during an off-normal or emergency event affecting the NPIRs, including the need to provide timely information explaining the event, an estimate of when the system will be returned to a normal state, and the actual time the system is returned to normal.

**Responsible Members:**

NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service

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R9.4.3. Provisions for coordinating investigations of causes of unplanned events affecting the NPIRs and developing solutions to minimize future risk of such events.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R9.4.4. Provisions for supplying information necessary to report to government agencies, as related to NPIRs.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: NUC-001-1**

**Requirements:**

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R9.4.5. Provisions for personnel training, as related to NPIRs.

**Responsible Members:**

NCR00980	Detroit Lakes Public Utilities
NCR00959	Alexandria Light & Power
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: PRC-009-0**

**Requirements:**

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R1. The Transmission Owner, Transmission Operator, Load-Serving Entity, and Distribution Provider that owns or operates a UFLS program (as required by its Regional Reliability Organization) shall analyze and document its UFLS program performance in accordance with its Regional Reliability Organization's UFLS program. The analysis shall address the performance of UFLS equipment and program effectiveness following system events resulting in system frequency excursions below the initializing set points of the UFLS program. The analysis shall include, but not be limited to:

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R1.1. A description of the event including initiating conditions.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R1.2. A review of the UFLS set points and tripping times.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

Applicable Regional Entity: MRO

Applicable Function: LSE

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### Standard: PRC-009-0

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#### Requirements:

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R1.3. A simulation of the event.

#### Responsible Members:

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R1.4. A summary of the findings.

#### Responsible Members:

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R2. The Transmission Owner, Transmission Operator, Load-Serving Entity, and Distribution Provider that owns or operates a UFLS program (as required by its Regional Reliability Organization) shall provide documentation of the analysis of the UFLS program to its Regional Reliability Organization and NERC on request 90 calendar days after the system event.

#### Responsible Members:

NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department  
NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)



**Registration Status as of 7/26/2010**

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: PRC-010-0**

**Requirements:**

R1. The Load-Serving Entity, Transmission Owner, Transmission Operator, and Distribution Provider that owns or operates a UVLS program shall periodically (at least every five years or as required by changes in system conditions) conduct and document an assessment of the effectiveness of the UVLS program. This assessment shall be conducted with the associated Transmission Planner(s) and Planning Authority(ies).

**Responsible Members:**

- NCR00980 Detroit Lakes Public Utilities
- NCR00959 Alexandria Light & Power
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department

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R1.1. This assessment shall include, but is not limited to:

**Responsible Members:**

- NCR00980 Detroit Lakes Public Utilities
- NCR00959 Alexandria Light & Power
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department

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R1.1.1. Coordination of the UVLS programs with other protection and control systems in the Region and with other Regional Reliability Organizations, as appropriate.

**Responsible Members:**

- NCR00980 Detroit Lakes Public Utilities
- NCR00959 Alexandria Light & Power
- NCR00997 Hutchinson Utilities Commission
- NCR01006 Marshall Municipal Utilities
- NCR01016 Moorhead Public Service
- NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
- NCR01024 Pierre Municipal Utilities
- NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: PRC-010-0**

**Requirements:**

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R1.1.2. Simulations that demonstrate that the UVLS programs performance is consistent with Reliability Standards TPL-001-0, TPL-002-0, TPL-003-0 and TPL-004-0.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R1.1.3. A review of the voltage set points and timing.

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R2. The Load-Serving Entity, Transmission Owner, Transmission Operator, and Distribution Provider that owns or operates a UVLS program shall provide documentation of its current UVLS program assessment to its Regional Reliability Organization and NERC on request (30 calendar days).

**Responsible Members:**

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: PRC-022-1

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#### Requirements:

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- R1. Each Transmission Operator, Load-Serving Entity, and Distribution Provider that operates a UVLS program to mitigate the risk of voltage collapse or voltage instability in the BES shall analyze and document all UVLS operations and Misoperations. The analysis shall include:

#### Responsible Members:

NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department
NCR00980	Detroit Lakes Public Utilities
NCR00959	Alexandria Light & Power
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)

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- R1.1. A description of the event including initiating conditions.

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00959	Alexandria Light & Power
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department

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- R1.2. A review of the UVLS set points and tripping times.

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00959	Alexandria Light & Power
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: PRC-022-1

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#### Requirements:

R1.3. A simulation of the event, if deemed appropriate by the Regional Reliability Organization. For most events, analysis of sequence of events may be sufficient and dynamic simulations may not be needed.

#### Responsible Members:

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R1.4. A summary of the findings.

#### Responsible Members:

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department

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R1.5. For any Misoperation, a Corrective Action Plan to avoid future Misoperations of a similar nature.

#### Responsible Members:

NCR00980 Detroit Lakes Public Utilities  
NCR00959 Alexandria Light & Power  
NCR00997 Hutchinson Utilities Commission  
NCR01006 Marshall Municipal Utilities  
NCR01016 Moorhead Public Service  
NCR10002 Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)  
NCR01024 Pierre Municipal Utilities  
NCR01035 Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: PRC-022-1**

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**Requirements:**

- R2. Each Transmission Operator, Load-Serving Entity, and Distribution Provider that operates a UVLS program shall provide documentation of its analysis of UVLS program performance to its Regional Reliability Organization within 90 calendar days of a request.

**Responsible Members:**

NCR00980	Detroit Lakes Public Utilities
NCR00959	Alexandria Light & Power
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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### Standard: TOP-001-1

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#### Requirements:

- R4. Each Distribution Provider and Load-Serving Entity shall comply with all reliability directives issued by the Transmission Operator, including shedding firm load, unless such actions would violate safety, equipment, regulatory or statutory requirements. Under these circumstances, the Distribution Provider or Load-Serving Entity shall immediately inform the Transmission Operator of the inability to perform the directive so that the Transmission Operator can implement alternate remedial actions.

#### Responsible Members:

NCR00980	Detroit Lakes Public Utilities
NCR00959	Alexandria Light & Power
NCR00997	Hutchinson Utilities Commission
NCR01006	Marshall Municipal Utilities
NCR01016	Moorhead Public Service
NCR10002	Atlantic Municipal Utilities (Board Of Waterworks & Electric Power Plant Trustees)
NCR01024	Pierre Municipal Utilities
NCR01035	Watertown Municipal Utilities Department



## Registration Status as of 7/26/2010

**Applicable Regional Entity: MRO**

**Applicable Function: LSE**

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**Standard: TOP-002-2**

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**Requirements:**

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R18. Neighboring Balancing Authorities, Transmission Operators, Generator Operators, Transmission Service Providers, and Load-Serving Entities shall use uniform line identifiers when referring to transmission facilities of an interconnected network.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)

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R3. Each Load-Serving Entity and Generator Operator shall coordinate (where confidentiality agreements allow) its current-day, next-day, and seasonal operations with its Host Balancing Authority and Transmission Service Provider. Each Balancing Authority and Transmission Service Provider shall coordinate its current-day, next-day, and seasonal operations with its Transmission Operator.

**Responsible Members:**

NCR00997 Hutchinson Utilities Commission

NCR01014 Missouri Basin Municipal Power Agency (MRES)