

**SPP TLR 5 Investigation Report
Flowgate 5196
(SPS North - South)
TLR Level 5: April 10, 2010
Report Issued: April 26, 2010**

1. Description of purpose/cause of hold/curtailment.

This report is submitted in accordance with the NERC Transmission Loading Relief Investigation Procedure for the Level 5 TLR event that occurred on Flowgate 5196 on April 10, 2010. Flowgate 5196 is an SPP flowgate. The Level 5 TLR was in effect from 4:00 until 6:00 CST on April 10, 2010. Projected flows on SPS North – South interface were expected to exceed the SOL due to North – South loading in the region.

2. Facility/flowgate limitations and flows at the time the TLR was initiated.

At the time the first Level 5A TLR was issued, the SPS North – South interface was rated at 700 MVA. Flow across the interface was 662 MVA.

3. TLR levels, timing, and relief requested amounts.

TLR levels, timing and relief requested amounts are shown in the Event History and NERC TLR Log on pages 3-12.

4. Transmission and generation outages or changes from prediction that may have contributed.

There were no unplanned outages that contributed to this TLR.

5. Procedures implemented prior to hold/curtailment.

There were not enough non-firm transactions or market flows that impacted the flowgate by more than 5%. The TLR was escalated to a Level 5 in order to curtail firm transactions and firm market flow to alleviate loading on the flowgate.

6. The initial investigation shall compare all transaction curtailment lists as generated by the IDC with the list of transactions flowing as determined by the IDC (Whole Transaction Lists) both before and after curtailment. The reasons for any transactions that were excluded from curtailment shall be provided. For those transactions not curtailed, the Reliability Authority will identify those entities and any affiliation with said entities.

There were no known transactions excluded from curtailment for this TLR.

7. List of known transactions not in the IDC with Transaction Contribution Factors greater than the curtailment threshold and actions taken to curtail such transactions.

There were no known transactions not in the IDC.

8. Excerpts from the RA Operations Log containing information relevant to the TLR event.

Information was provided to Reliability Coordinators through the IDC and the RCIS. Also the SPP Reliability Coordinators logged information describing the actions taken at each issuance of the TLR, see pages 13-15. Times in the RC Log are CDT.

9. Flowgate limitations as identified by security analysis processes conducted by the Reliability Authority for the day prior to the TLR event.

The next day process did not indicate an issue with this flowgate based upon conditions at the time of the daily peak.

10. State Estimator snapshots and security analysis, including any contingency analysis or stability analysis, along with any other recorded data indicating need for TLR.

The SPP Reliability Coordinator was monitoring their state estimator, RTCA and RTLODF applications for current flowgate loading and other potential issues during this time. eDNA data historian recorded all line flows before, during and after the Level 5 TLR event, see page 16.

11. ATC limitations before, during, and after the TLR event.

SPP Tariff Administration grants transmission service using an AFC process. This process evaluates each transmission request on a case by case basis. SPP Tariff Administration was not granting any transmission requests that impacted the congested flowgate by 3 % or greater at the time of the Level 5 TLR.

12. Description of actions taken to avoid future hold/curtailments.

This TLR was caused by a combination of generation patterns, load, and North – South loading on the transmission system in the SPS region.

13. Provide IDC generated Congestion Management Reports showing transaction curtailment list and Control Area NNL (network and native load) curtailment responsibility.

Congestion Management Reports for each issuance of the TLR have been reviewed and are archived in the IDC. These screen shots have not been included to reduce the size of this report.

14. Re-dispatch actions taken.

SPP EIS Market redispatch was implemented during the entire TLR event. Firm and non-firm Market Flows were reduced on the flowgate as reported in the TLR Event History and NERC TLR Log on pages 3-12.

TLR Event History 5196 - SPS North - South

Status	TLR Level	TLR Date	TLR Confirm Time	Run Time	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
								Tags	MW
SUPERSEDED	3B	04/08/2010 21:15	04/08/2010 21:05	04/08/2010 21:04:20	75.0	0.0	75.0	0	0
SUPERSEDED	3A	04/08/2010 23:00	04/08/2010 22:28	04/08/2010 22:27:41	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 00:00	04/08/2010 23:26	04/08/2010 23:26:04	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 01:00	04/09/2010 00:29	04/09/2010 00:26:58	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 02:00	04/09/2010 01:27	04/09/2010 01:26:12	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 03:00	04/09/2010 02:26	04/09/2010 02:26:07	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 04:00	04/09/2010 03:26	04/09/2010 03:25:46	32.0	26.1	5.9	1	50
SUPERSEDED	3A	04/09/2010 05:00	04/09/2010 04:26	04/09/2010 04:25:39	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 06:00	04/09/2010 05:27	04/09/2010 05:26:30	20.0	17.0	3.0	1	52
SUPERSEDED	3A	04/09/2010 07:00	04/09/2010 06:26	04/09/2010 06:25:44	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 08:00	04/09/2010 07:26	04/09/2010 07:26:07	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 09:00	04/09/2010 08:25	04/09/2010 08:25:32	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 10:00	04/09/2010 09:27	04/09/2010 09:26:49	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 11:00	04/09/2010 10:27	04/09/2010 10:27:28	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 12:00	04/09/2010 11:29	04/09/2010 11:28:38	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 13:00	04/09/2010 12:28	04/09/2010 12:28:09	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 14:00	04/09/2010 13:29	04/09/2010 13:28:54	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/09/2010 15:00	04/09/2010 14:28	04/09/2010 14:28:04	20.0	8.0	12.0	1	52
SUPERSEDED	3A	04/09/2010 16:00	04/09/2010 15:30	04/09/2010 15:29:52	10.0	0.0	10.0	1	52
SUPERSEDED	3A	04/09/2010 17:00	04/09/2010 16:36	04/09/2010 16:35:43	50.0	44.0	6.0	1	52
SUPERSEDED	3A	04/09/2010 18:00	04/09/2010 17:32	04/09/2010 17:31:49	90.0	87.0	3.0	1	52
SUPERSEDED	3A	04/09/2010 19:00	04/09/2010 18:40	04/09/2010 18:39:39	38.0	35.0	3.0	1	52
SUPERSEDED	3A	04/09/2010 20:00	04/09/2010 19:35	04/09/2010 19:34:44	47.0	44.0	3.0	1	52
SUPERSEDED	3A	04/09/2010 21:00	04/09/2010 20:35	04/09/2010 20:34:39	80.0	77.1	2.9	1	50
SUPERSEDED	3A	04/09/2010 22:00	04/09/2010 21:36	04/09/2010 21:35:58	170.0	155.2	14.8	1	50
SUPERSEDED	3A	04/09/2010 23:00	04/09/2010 22:37	04/09/2010 22:37:16	50.0	21.7	28.3	1	60
SUPERSEDED	3A	04/10/2010 00:00	04/09/2010 23:39	04/09/2010 23:38:45	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 01:00	04/10/2010 00:37	04/10/2010 00:37:08	31.0	0.0	31.0	1	45
SUPERSEDED	3A	04/10/2010 02:00	04/10/2010 01:37	04/10/2010 01:36:38	94.0	89.3	4.7	1	85
SUPERSEDED	3A	04/10/2010 03:00	04/10/2010 02:33	04/10/2010 02:33:26	41.0	10.3	30.7	1	85
SUPERSEDED	5A	04/10/2010 04:00	04/10/2010 03:34	04/10/2010 03:33:58	30.0	0.0	45.7	1	85
SUPERSEDED	5A	04/10/2010 05:00	04/10/2010 04:30	04/10/2010 04:29:54	21.0	0.0	37.1	2	164
SUPERSEDED	3A	04/10/2010 06:00	04/10/2010 05:32	04/10/2010 05:31:52	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 07:00	04/10/2010 06:28	04/10/2010 06:28:06	18.0	9.6	8.4	2	164
SUPERSEDED	3A	04/10/2010 08:00	04/10/2010 07:28	04/10/2010 07:28:16	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 09:00	04/10/2010 08:28	04/10/2010 08:27:53	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 10:00	04/10/2010 09:27	04/10/2010 09:27:35	0.0	0.0	0.0	0	0

SUPERSEDED	3A	04/10/2010 11:00	04/10/2010 10:28	04/10/2010 10:28:20	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 12:00	04/10/2010 11:28	04/10/2010 11:28:09	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 13:00	04/10/2010 12:28	04/10/2010 12:27:53	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 14:00	04/10/2010 13:27	04/10/2010 13:27:32	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 15:00	04/10/2010 14:28	04/10/2010 14:28:05	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 16:00	04/10/2010 15:28	04/10/2010 15:28:00	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/10/2010 17:00	04/10/2010 16:32	04/10/2010 16:31:25	2.0	0.0	2.1	2	41
SUPERSEDED	3A	04/10/2010 18:00	04/10/2010 17:32	04/10/2010 17:31:31	20.0	11.8	8.2	2	164
SUPERSEDED	3A	04/10/2010 19:00	04/10/2010 18:31	04/10/2010 18:30:37	30.0	21.5	8.5	2	164
SUPERSEDED	3A	04/10/2010 20:00	04/10/2010 19:36	04/10/2010 19:35:40	69.0	60.5	8.5	2	164
SUPERSEDED	3A	04/10/2010 21:00	04/10/2010 20:29	04/10/2010 20:28:30	66.0	61.6	4.4	1	85
SUPERSEDED	3A	04/10/2010 22:00	04/10/2010 21:32	04/10/2010 21:32:11	37.0	17.6	19.4	1	85
SUPERSEDED	3A	04/10/2010 23:00	04/10/2010 22:34	04/10/2010 22:33:25	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 00:00	04/10/2010 23:36	04/10/2010 23:35:55	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 01:00	04/11/2010 00:32	04/11/2010 00:31:38	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 02:00	04/11/2010 01:35	04/11/2010 01:33:16	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 03:00	04/11/2010 02:33	04/11/2010 02:32:41	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 04:00	04/11/2010 03:30	04/11/2010 03:30:05	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 05:00	04/11/2010 04:28	04/11/2010 04:28:03	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 06:00	04/11/2010 05:29	04/11/2010 05:28:53	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 07:00	04/11/2010 06:28	04/11/2010 06:28:02	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 08:00	04/11/2010 07:28	04/11/2010 07:27:59	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 09:00	04/11/2010 08:28	04/11/2010 08:27:58	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 10:00	04/11/2010 09:29	04/11/2010 09:28:36	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 11:00	04/11/2010 10:29	04/11/2010 10:28:59	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 12:00	04/11/2010 11:32	04/11/2010 11:31:34	0.0	0.0	0.0	0	0
SUPERSEDED	3A	04/11/2010 13:00	04/11/2010 12:30	04/11/2010 12:29:40	17.0	0.0	17.0	0	0
SUPERSEDED	3A	04/11/2010 14:00	04/11/2010 13:29	04/11/2010 13:28:49	21.0	0.0	21.0	0	0
SUPERSEDED	3A	04/11/2010 15:00	04/11/2010 14:30	04/11/2010 14:28:56	39.0	0.0	39.0	3	71
SUPERSEDED	3A	04/11/2010 16:00	04/11/2010 15:29	04/11/2010 15:28:29	23.0	0.0	23.1	3	37
SUPERSEDED	3A	04/11/2010 17:00	04/11/2010 16:37	04/11/2010 16:37:14	198.0	178.7	19.3	3	184
SUPERSEDED	3A	04/11/2010 18:00	04/11/2010 17:36	04/11/2010 17:36:11	85.0	70.7	14.3	3	184
SUPERSEDED	3A	04/11/2010 19:00	04/11/2010 18:38	04/11/2010 18:37:50	105.0	93.6	11.4	3	184
SUPERSEDED	3A	04/11/2010 20:00	04/11/2010 19:33	04/11/2010 19:33:07	67.0	37.5	29.5	3	184
SUPERSEDED	3A	04/11/2010 21:00	04/11/2010 20:30	04/11/2010 20:30:28	61.0	47.0	14.0	0	0
SUPERSEDED	3A	04/11/2010 22:00	04/11/2010 21:32	04/11/2010 21:31:24	98.0	37.0	61.0	0	0
SUPERSEDED	3A	04/11/2010 23:00	04/11/2010 22:34	04/11/2010 22:33:17	59.0	0.0	59.0	0	0
SUPERSEDED	3A	04/12/2010 00:00	04/11/2010 23:31	04/11/2010 23:31:14	4.0	0.0	4.0	0	0
SUPERSEDED	3A	04/12/2010 01:00	04/12/2010 00:34	04/12/2010 00:33:19	60.0	0.0	60.0	0	0
TERMINATED	0	04/12/2010 01:45	04/12/2010 01:34	04/12/2010 01:33:31	0.0	0.0	0.0	0	0

Event Summary

FILE SAVED AS: SWPP_5196_20100408_2115.htm

Incident:	SWPP_5196_20100408_2115	Date: 04/08/2010 (CST)	Reliability Coordinator: SWPP
Initial Conditions:	increasing loads		
Flowgate:	5196 - SPS North - South	Rating: 700	LODF: N/A
TLR Direction:	Normal		
Effective StartTime:	04/08/2010 21:15 (CST)	Effective EndTime: 04/12/2010 01:45 (CST)	TLR Duration: 76 Hours and 30 Minutes

TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule						NNL Relief			Market Relief				Flow			TLR Action Comments	
				Total Tags Cut / Hold	IDC Cut		RC Cut Acknowledge		Hold		CA	IDC MV	RC Ackn MV	Type	Mkt	IDC MV	RC Ackn MV	Current	Post Cont.		Cont. Flow
					MW	Relief	MW	Relief	MW	Relief											
Apr 08 21:05 (CST)	TLR 3B	CURRENT		NONE						NONE			ED-2	SWPP	0.0	0.0	705	N/A	N/A	N/A	
													ED-6	SWPP	75.0	75.0					
		NEXT		NONE						NONE			ED-2	SWPP	0.0	0.0					
													ED-6	SWPP	13.0	13.0					
													FIRM-7	SWPP	0.0	0.0					
													Total		75.0	75.0					
Apr 08 22:28 (CST)	TLR 3A	NEXT		NONE						NONE			ED-2	SWPP	0.0	0.0	649	N/A	N/A	N/A	
													ED-6	SWPP	0.0	0.0					
													FIRM-7	SWPP	0.0	0.0					
													Total		0.0	0.0					
Apr 08 23:26 (CST)	TLR 3A	NEXT		NONE						NONE			ED-2	SWPP	0.0	0.0	668	N/A	N/A	N/A	
													ED-6	SWPP	0.0	0.0					
													FIRM-7	SWPP	0.0	0.0					
													Total		0.0	0.0					
Apr 09 00:29 (CST)	TLR 3A	NEXT		NONE						NONE			ED-2	SWPP	0.0	0.0	707	N/A	N/A	N/A	
													ED-6	SWPP	0.0	0.0					
													FIRM-7	SWPP	0.0	0.0					
													Total		0.0	0.0					
Apr 09 01:27 (CST)	TLR 3A	NEXT		NONE						NONE			ED-2	SWPP	0.0	0.0	678	N/A	N/A	N/A	
													ED-6	SWPP	0.0	0.0					
													FIRM-7	SWPP	0.0	0.0					
													Total		0.0	0.0					
Apr 09 02:26 (CST)	TLR 3A	NEXT		NONE						NONE			ED-2	SWPP	0.0	0.0	683	N/A	N/A	N/A	
													ED-6	SWPP	0.0	0.0					
													FIRM-7	SWPP	0.0	0.0					
													Total		0.0	0.0					
Apr 09 03:26 (CST)	TLR 3A	NEXT	6-NN	1 / 0	50	2.9	50	2.9	0	0.0	NONE			ED-2	SWPP	0.0	0.0	665	N/A	N/A	N/A
			Total	1 / 0	50	2.9	50	2.9	0	0.0				ED-6	SWPP	3.0	3.0				
														FIRM-7	SWPP	0.0	0.0				
														Total		3.0	3.0				

Apr 09 04:26 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	651	N/A	N/A	N/A
Apr 09 05:27 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	52 52	3.0 3.0	52 52	3.0 3.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	655	N/A	N/A	N/A
Apr 09 06:26 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	649	N/A	N/A	N/A
Apr 09 07:26 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	653	N/A	N/A	N/A
Apr 09 08:25 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	665	N/A	N/A	N/A
Apr 09 09:27 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	671	N/A	N/A	N/A
Apr 09 10:27 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	669	N/A	N/A	N/A
Apr 09 11:29 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	656	N/A	N/A	N/A
Apr 09 12:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	642	N/A	N/A	N/A
Apr 09 13:29 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	650	N/A	N/A	N/A
Apr 09 14:28 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	52 52	3.0 3.0	52 52	3.0 3.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 9.0 0.0 9.0	0.0 9.0 0.0 9.0	655	N/A	N/A	N/A
Apr 09 15:30 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	52 52	3.0 3.0	52 52	3.0 3.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 7.0 0.0 7.0	0.0 7.0 0.0 7.0	651	N/A	N/A	N/A
Apr 09 16:36 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	52 52	3.0 3.0	52 52	3.0 3.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 3.0 0.0 3.0	0.0 3.0 0.0 3.0	649	N/A	N/A	N/A

Apr 09 17:32 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	52 52	3.0 3.0	52 52	3.0 3.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	673	N/A	N/A	N/A
Apr 09 18:40 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	52 52	3.0 3.0	52 52	3.0 3.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	689	N/A	N/A	N/A
Apr 09 19:35 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	52 52	3.0 3.0	52 52	3.0 3.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	699	N/A	N/A	N/A
Apr 09 20:35 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	50 50	2.9 2.9	50 50	2.9 2.9	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	697	N/A	N/A	N/A
Apr 09 21:36 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	50 50	2.8 2.8	50 50	2.8 2.8	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 12.0 0.0 12.0	0.0 12.0 0.0 12.0	700	N/A	N/A	N/A
Apr 09 22:37 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	60 60	3.3 3.3	60 60	3.3 3.3	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 25.0 0.0 25.0	0.0 25.0 0.0 25.0	677	N/A	N/A	N/A
Apr 09 23:39 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	718	N/A	N/A	N/A
Apr 10 00:37 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	45 45	2.5 2.5	45 45	2.5 2.5	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 28.5 0.0 28.5	0.0 28.5 0.0 28.5	692	N/A	N/A	N/A
Apr 10 01:37 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	85 85	4.7 4.7	85 85	4.7 4.7	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	644	N/A	N/A	N/A
Apr 10 02:33 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	85 85	4.7 4.7	85 85	4.7 4.7	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 26.0 0.0 26.0	0.0 26.0 0.0 26.0	672	N/A	N/A	N/A
Apr 10 03:34 (CST)	TLR 5A	NEXT	8-NN Total	1 / 0 1 / 0	85 85	4.7 4.7	85 85	4.7 4.7	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	SWPP SWPP SWPP SWPP	0.0 41.0 0.0 0.0 41.0	0.0 41.0 0.0 0.0 41.0	662	N/A	N/A	N/A
Apr 10 04:30 (CST)	TLR 5A	NEXT	8-NN Total	2 / 0 2 / 0	164 164	9.1 9.1	164 164	9.1 9.1	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	SWPP SWPP SWPP SWPP	0.0 28.0 0.0 0.0 28.0	0.0 28.0 0.0 0.0 28.0	660	N/A	N/A	N/A

Apr 10 05:32 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	864	N/A	N/A	N/A
Apr 10 06:28 (CST)	TLR 3A	NEXT	8-NN Total	2 / 0 2 / 0	164 164	8.4 8.4	164 164	8.4 8.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	841	N/A	N/A	N/A
Apr 10 07:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	580	N/A	N/A	N/A
Apr 10 08:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	832	N/A	N/A	N/A
Apr 10 09:27 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	822	N/A	N/A	N/A
Apr 10 10:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	844	N/A	N/A	N/A
Apr 10 11:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	841	N/A	N/A	N/A
Apr 10 12:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	870	N/A	N/A	N/A
Apr 10 13:27 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	865	N/A	N/A	N/A
Apr 10 14:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	866	N/A	N/A	N/A
Apr 10 15:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	879	N/A	N/A	N/A
Apr 10 16:32 (CST)	TLR 3A	NEXT	8-NN Total	2 / 0 2 / 0	41 41	2.1 2.1	41 41	2.1 2.1	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	875	N/A	N/A	N/A

Apr 10 17:32 (CST)	TLR 3A	NEXT	8-NN Total	2 / 0 2 / 0	164 164	8.2 8.2	164 164	8.2 8.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	869	N/A	N/A	N/A
Apr 10 18:31 (CST)	TLR 3A	NEXT	8-NN Total	2 / 0 2 / 0	164 164	8.5 8.5	164 164	8.5 8.5	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	868	N/A	N/A	N/A
Apr 10 19:38 (CST)	TLR 3A	NEXT	8-NN Total	2 / 0 2 / 0	164 164	8.5 8.5	164 164	8.5 8.5	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	867	N/A	N/A	N/A
Apr 10 20:29 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	85 85	4.4 4.4	85 85	4.4 4.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	877	N/A	N/A	N/A
Apr 10 21:32 (CST)	TLR 3A	NEXT	8-NN Total	1 / 0 1 / 0	85 85	4.4 4.4	85 85	4.4 4.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 15.0 0.0 15.0	0.0 15.0 0.0 15.0	864	N/A	N/A	N/A
Apr 10 22:34 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	802	N/A	N/A	N/A
Apr 10 23:38 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	834	N/A	N/A	N/A
Apr 11 00:32 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	822	N/A	N/A	N/A
Apr 11 01:35 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	834	N/A	N/A	N/A
Apr 11 02:33 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	822	N/A	N/A	N/A
Apr 11 03:30 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	835	N/A	N/A	N/A
Apr 11 04:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	856	N/A	N/A	N/A

Apr 11 05:29 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	675	N/A	N/A	N/A
Apr 11 06:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	636	N/A	N/A	N/A
Apr 11 07:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	618	N/A	N/A	N/A
Apr 11 08:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	648	N/A	N/A	N/A
Apr 11 09:29 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	626	N/A	N/A	N/A
Apr 11 10:29 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	612	N/A	N/A	N/A
Apr 11 11:32 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	613	N/A	N/A	N/A
Apr 11 12:30 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 17.0 0.0 17.0	0.0 17.0 0.0 17.0	604	N/A	N/A	N/A
Apr 11 13:29 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 21.0 0.0 21.0	0.0 21.0 0.0 21.0	627	N/A	N/A	N/A
Apr 11 14:30 (CST)	TLR 3A	NEXT	6-NN Total	3 / 0 3 / 0	71 71	3.6 3.6	71 71	3.6 3.6	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 35.5 0.0 35.5	0.0 35.5 0.0 35.5	627	N/A	N/A	N/A
Apr 11 15:29 (CST)	TLR 3A	NEXT	6-NN Total	3 / 0 3 / 0	37 37	1.9 1.9	37 37	1.9 1.9	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 21.2 0.0 21.2	0.0 21.2 0.0 21.2	0	N/A	N/A	N/A
Apr 11 16:37 (CST)	TLR 3A	NEXT	6-NN 7-F Total	3 / 0 0 / 1 3 / 1	184 0 184	9.3 0.0 9.3	184 0 184	9.3 0.0 9.3	0 50 50	0.0 2.7 2.7	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 10.0 0.0 10.0	0.0 10.0 0.0 10.0	660	N/A	N/A	N/A

Apr 11 17:38 (CST)	TLR 3A	NEXT	6-NN Total	3 / 0 3 / 0	184 184	9.3 9.3	184 184	9.3 9.3	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 5.0 0.0 5.0	0.0 5.0 0.0 5.0	850	N/A	N/A	N/A
Apr 11 18:38 (CST)	TLR 3A	NEXT	6-NN Total	3 / 0 3 / 0	184 184	9.4 9.4	184 184	9.4 9.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 2.0 0.0 2.0	0.0 2.0 0.0 2.0	865	N/A	N/A	N/A
Apr 11 19:33 (CST)	TLR 3A	NEXT	6-NN Total	3 / 0 3 / 0	184 184	9.5 9.5	184 184	9.5 9.5	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 20.0 0.0 20.0	0.0 20.0 0.0 20.0	879	N/A	N/A	N/A
Apr 11 20:30 (CST)	TLR 3A	NEXT	7-F Total	0 / 1 0 / 1	0 0	0.0 0.0	0 0	0.0 0.0	25 25	1.4 1.4	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 14.0 0.0 14.0	0.0 14.0 0.0 14.0	895	N/A	N/A	N/A
Apr 11 21:32 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 61.0 0.0 61.0	0.0 61.0 0.0 61.0	872	N/A	N/A	N/A
Apr 11 22:34 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 59.0 0.0 59.0	0.0 59.0 0.0 59.0	890	N/A	N/A	N/A
Apr 11 23:31 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 4.0 0.0 4.0	0.0 4.0 0.0 4.0	879	N/A	N/A	N/A
Apr 12 00:34 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 60.0 0.0 60.0	0.0 60.0 0.0 60.0	871	N/A	N/A	N/A
Apr 12 01:34 (CST)	TLR 0	CURRENT	NONE								NONE	NONE				845	N/A	N/A	N/A

TLR Schedule Totals

Priority	Schedule			
	Total Tags Cut / Hold	IDC Cut MW	RC Cut Acknowledge MW	Hold MW
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	47	2749	2749	0
7	0	0	0	75
Total	47	2749	2749	75

TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
SWPP	ED-2	0.0	0.0
	ED-6	602.2	602.2
	FIRM-7	0.0	0.0
Total for SWPP		602.2	602.2
Total		602.2	602.2

Reliability Log for April, 8			2010
Time	Initials	Comments	Thursday
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.	
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.	
2204	DGA	Issued TLR Level 3B on SPSNORTH_STH flgt #5196	
2327	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	

Reliability Log for April, 9			2010
Time	Initials	Comments	Friday
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.	
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.	
0026	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0126	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0226	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0326	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0425	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0525	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0626	DGA	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0725	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0826	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
0925	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1026	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1127	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1228	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1328	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1428	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1528	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1629	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1735	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1831	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
1937	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
2035	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
2134	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
2235	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	
2337	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196	

Reliability Log for April, 10

2010

Time	Initials	Comments
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.
0038	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196
0137	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196
0236	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196
0333	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196
0433	LWB	Issued TLR Level 5A on SPSNORTH_STH flgt # 5196, Feasibility.
0529	LRG	Issued TLR Level 5A on SPSNORTH_STH flgt # 5196, Feasibility.
0631	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
0728	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
0828	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
0927	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
1128	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
1228	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
1328	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
1427	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
1528	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
1628	LRG	Issued TLR Level 3A on SPSNORTH_STH flgt # 5196, Feasibility.
1731	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196.
1831	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196.
1930	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196.
2035	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196.
2128	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196.
2232	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196.
2333	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt # 5196.

Reliability Log for April, 11			2010
Time	Initials	Comments	
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.	
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.	
0035	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0131	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0235	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0332	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0430	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0528	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0628	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0728	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0827	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0927	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1028	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1128	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1231	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1329	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1428	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1528	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1628	LRG	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1737	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1836	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
1937	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
2033	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
2130	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
2231	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
2333	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	

Reliability Log for April, 12			2010
Time	Initials	Comments	Monday
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.	
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.	
0031	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0133	LWB	Re-issued TLR Level 3A on SPSNORTH_STH flgt #5196.	
0233	LWB	Issued TLR Level 0 on SPSNORTH_STH flgt #5196.	

SPSNORTH_STH #5196

— Post Cont. — SOL

