NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION
NERC IT SERVICES WEBSDX (PROJECT #420)
CHANGE ORDER #09

NAME: IDCWG/SDXSDWT/ Ben Taylor of Tennessee Valley Authority (TVA)
DATE: August 24, 2011
SUMMARY: Addition of Derate Validation to webSDX
VERSION: 1.0

DETAIL: TVA submitted the following request:

Currently there is no validation performed by the webSDX tool to ensure a unit is not being DERATED to above its Pmax. This, however unlikely, has indeed been a problem in the past and has resulted in inaccurate information being posted to the webSDX tool and, consequently, potentially being used in the planning of operations.

CHANGE ORDER REQUEST:

- Add a validation to the data check process such that if the Outage Type is 'P' when received it compares the value submitted for a unit to its Pmax and reject the submittal if the derate value exceeds the Pmax capability of the unit.
- An error message sufficiently explaining the problem should be returned to the submitting party for XML uploads.
- A display box explaining why a manual entry could not be accepted should also be employed.

EVALUATION SECTION:

EVALUATOR'S NAME: OATI.

DATE: August 24, 2011.

DESCRIPTION: The changes below are required to ensure a unit is not being DERATED to above its Pmax that's set in the model:

- Add a validation to the data check process such that if the Outage Type is 'P' when received it compares the value submitted for a unit to its Pmax and reject the submittal if the derate value exceeds the Pmax capability of the unit.

- An error message sufficiently explaining the problem will be returned to the submitting party for XML uploads.

- A display box explaining why a manual entry could not be accepted will also be employed.