



**Nebraska Public Power District**

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NLS2015043  
April 29, 2015

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

**Subject:** Nebraska Public Power District's Expedited Seismic Evaluation Process Report (CEUS Sites) - Response to Nuclear Regulatory Commission Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Seismic Aspects of Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident  
Cooper Nuclear Station, Docket No. 50-298, DPR-46

- References:**
1. NRC letter, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," dated March 12, 2012
  2. NEI letter to NRC, "Proposed Path Forward for NTTF Recommendation 2.1: Seismic Reevaluations," dated April 9, 2013
  3. NRC Letter to NEI, "Electric Power Research Institute Final Draft Report XXXXXX, "Seismic Evaluation Guidance: Augmented Approach for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic," as an Acceptable Alternative to the March 12, 2012, Information Request for Seismic Reevaluations," dated May 7, 2013
  4. Electric Power Research Institute Final Report 3002000704, "Seismic Evaluation Guidance: Augmented Approach for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic," dated May 2013
  5. NRC Letter to NPPD, "Cooper Nuclear Station - Screening and Prioritization Results of Information Provided Pursuant to Title 10 of the Code of Federal Regulations Part 50, Section 50.54(f), Seismic Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident (TAC No. MF3734)," dated October 28, 2014

A010  
LRR

Dear Sir or Madam:

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued Reference 1 to all power reactor licensees and holders of construction permits in active or deferred status. Enclosure 1 of Reference 1 requested each addressee located in the Central and Eastern United States (CEUS) to submit a Seismic Hazard Evaluation and Screening Report within 1.5 years from the date of Reference 1.

In Reference 2, the Nuclear Energy Institute (NEI) requested NRC agreement to delay submittal of the final CEUS Seismic Hazard Evaluation and Screening Reports so that an update to the Electric Power Research Institute ground motion attenuation model could be completed and used to develop that information. NEI proposed that descriptions of subsurface materials and properties and base case velocity profiles be submitted to the NRC by September 12, 2013, with the remaining seismic hazard and screening information submitted by March 31, 2014. The NRC agreed with that proposed path forward in Reference 3.

Reference 1 requested that licensees provide interim evaluations and actions taken or planned to address the higher seismic hazard relative to the design basis, as appropriate, prior to completion of the risk evaluation. In accordance with the NRC endorsed guidance in Reference 3, the enclosed Expedited Seismic Evaluation Process (ESEP) Report for Cooper Nuclear Station (CNS) provides the information described in Section 7 of Reference 4 in accordance with the schedule discussed in the NRC's screening and prioritization results for CNS (Reference 5).

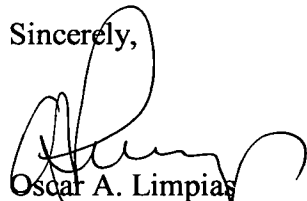
The ESEP report results show that the equipment evaluated is adequate in resisting the seismic loads expected to result from the site review level ground motion. Therefore, no plant modifications are required.

There are no new regulatory commitments contained in this letter. Should you have any questions or if additional information is required, please contact Jim Shaw, Licensing Manager, at (402) 825-2788.

I declare under penalty of perjury that the foregoing is true and correct.

Executed On 4/29/15  
(Date)

Sincerely,



Oscar A. Limpia  
Vice President - Nuclear and  
Chief Nuclear Officer

/bk

Enclosure: Expedited Seismic Evaluation Process Report for Cooper Nuclear Station

cc: Regional Administrator, w/ enclosure  
USNRC - Region IV

Director, w/ enclosure  
USNRC - Office of Nuclear Reactor Regulation

Cooper Project Manager, w/ enclosure  
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector, w/ enclosure  
USNRC - CNS

CNS Records, w/ enclosure

NPG Distribution, w/o enclosure