

Peter P. Sena III  
President and Chief Operating Officer

March 31, 2014  
L-14-120

10 CFR 50.54(f)

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

**SUBJECT:**

Beaver Valley Power Station, Unit Nos. 1 and 2  
Docket No. 50-334, License No. DPR-66  
Docket No. 50-412, License No. NPF-73  
Davis-Besse Nuclear Power Station  
Docket No. 50-346, License No. NPF-3  
Perry Nuclear Power Plant  
Docket No. 50-440, License No. NPF-58  
FirstEnergy Nuclear Operating Company (FENOC) Seismic Hazard and Screening Report (CEUS Sites), Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding Recommendation 2.1 of the Near-Term Task Force (NTTF) Review of Insights from the Fukushima Dai-ichi Accident

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 Electrical Power Research Institute (EPRI) 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 4 contains industry guidance and detailed information to be included in the Seismic Hazard Evaluation and Screening Report submittals. The NRC endorsed this industry guidance in Reference 5.

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The enclosed Seismic Hazard Evaluation and Screening Reports for Beaver Valley Power Station (BVPS) Unit No. 1, BVPS Unit No. 2, Davis-Besse Nuclear Power Station (DBNPS), and Perry Nuclear Power Plant (PNPP) (Enclosures A, B, C, and D, respectively) provide the information described in Section 4 of Reference 4 in accordance with the schedule identified in Reference 2.

There are no new regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Thomas A. Lentz, Manager – Fleet Licensing, at 330-315-6810.

I declare under penalty of perjury that the foregoing is true and correct. Executed on March 31, 2014.

Respectfully,



Peter P. Sena III

Enclosures:

- A NTTF 2.1 Seismic Hazard and Screening Report for Beaver Valley Power Station Unit 1 Beaver County, Pennsylvania
- B NTTF 2.1 Seismic Hazard and Screening Report for Beaver Valley Power Station Unit 2 Beaver County, Pennsylvania
- C NTTF 2.1 Seismic Hazard and Screening Report for Davis-Besse Nuclear Power Station Ottawa County, Ohio
- D NTTF 2.1 Seismic Hazard and Screening Report for Perry Nuclear Power Plant Lake County, Ohio

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, Agencywide Documents Access and Management System (ADAMS) Accession No. ML12053A340
2. NEI Letter, *Proposed Path Forward for NTTF Recommendation 2.1: Seismic Reevaluations*, dated April 9, 2013, ADAMS Accession No. ML13101A379
3. NRC Letter, *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*

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- Acceptable alternative to the March 12, 2012, information request for Seismic Reevaluations, dated May 7, 2013, ADAMS Accession No. ML13106A331*
4. EPRI Report 1025287, *Seismic Evaluation Guidance, Screening, Prioritization and Implementation Details (SPID) for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic*, ADAMS Accession No. ML12333A170
  5. NRC Letter, *Endorsement of EPRI Final Draft Report 1025287, "Seismic Evaluation Guidance,"* dated February 15, 2013, ADAMS Accession No. ML12319A074

cc: Director, Office of Nuclear Reactor Regulation (NRR)  
NRC Region I Administrator  
NRC Region III Administrator  
NRC Resident Inspector (BVPS)  
NRC Resident Inspector (DBNPS)  
NRC Resident Inspector (PNPP)  
NRR Project Manager (BVPS)  
NRR Project Manager (DBNPS)  
NRR Project Manager (PNPP)  
Director BRP/DEP (without Enclosures)  
Site BRP/DEP Representative (without Enclosures)  
Utility Radiological Safety Board (without Enclosures)