



FirstEnergy Nuclear Operating Company

76 South Main Street  
Akron, Ohio 44308

Peter P. Sena III  
President and Chief Operating Officer

June 11, 2012  
L-12-221

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  
FENOC Response to NRC 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

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued a letter titled, "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," to all power reactor licensees and holders of construction permits in active or deferred status. Enclosure 1 of the 10 CFR 50.54(f) letter contains specific Requested Actions, Requested Information, and Required Responses associated with Recommendation 2.1, Seismic Evaluations. The 10 CFR 50.54(f) letter requires that, if an addressee cannot meet the requested response date, it must provide a response to the NRC within 90 days of the date of the information request describing the licensee's proposed alternative course of action, the basis for acceptability of the proposed alternative course of action, and the estimated completion dates.

FENOC has determined that we can meet the requested response dates for submitting the Seismic Hazard Evaluation provided that the NRC and industry reach a mutual understanding of critical implementation details associated with calculating the seismic hazard by the end of July 2012. For example, the critical details that need to be mutually understood prior to commencement of the new seismic hazard evaluations

include the elevation(s) at which the hazard/ground motion response spectrum (GMRS) will be calculated and the development of site amplification factors for sites with limited soil/rock profile data.

Within 60 days of NRC endorsement of the Screening, Prioritization and Implementation guidance, FENOC intends to submit: (1) its intention to follow the endorsed guidance, or (2) provide an alternative approach. At that time, FENOC will assess whether it can meet the submittal deadlines for the Seismic Risk Evaluation and take the appropriate regulatory action.

This letter contains no new regulatory commitments. Should you have any questions concerning the content of this letter, please contact Mr. Phil H. Lashley, Supervisor – Fleet Licensing, at 330-315-6808.

I declare under penalty of perjury that the foregoing is true and correct. Executed on June 11, 2012.

Respectfully,

A handwritten signature in black ink, appearing to read "Peter P. Sena, III", with a stylized flourish at the end.

Peter P. Sena, III

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  
Site BRP/DEP Representative  
Utility Radiological Safety Board