



RS-12-161

November 27, 2012

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

Byron Station, Units 1 and 2
Facility Operating License Nos. NPF-37 and NPF-66
NRC Docket Nos. STN 50-454 and STN 50-455

Subject: Exelon Generation Company, LLC's 180-day Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Seismic Aspects of Recommendation 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident

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. NRC Letter, Endorsement of Electric Power Research Institute (EPRI) Draft Report 1025286, "Seismic Walkdown Guidance," dated May 31, 2012
3. Exelon Generation Company, LLC's 120-day response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding Seismic Aspects of Recommendation 2.3 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 Reference 1 to all power reactor licensees. Enclosure 3 of Reference 1 contains specific Requested Actions, Requested Information, and Required Responses associated with Recommendation 2.3 for Seismic. On July 10, 2012, Exelon Generation Company, LLC (EGC) submitted the 120-day response requested in Enclosure 3 of Reference 1, confirming that EGC would use the NRC-endorsed seismic walkdown procedure (Reference 3).

A001
NRR

For seismic Recommendation 2.3 (walkdowns), Enclosure 3 of Reference 1 states that within 180 days of the NRC's endorsement of the walkdown process (Reference 2), each addressee will submit a final response, including a list of any areas that are unable to be inspected due to inaccessibility and a schedule for when the walkdown will be completed. This letter provides the Byron Station 180-day response to Reference 1 for Seismic Recommendation 2.3.

Conditions identified during the walkdowns were documented and entered into the corrective action program. Evaluations of the identified conditions are complete.

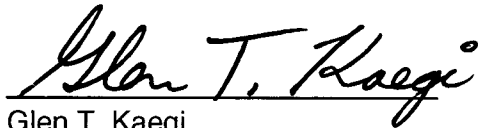
Enclosures 1 and 2 to this letter provide the requested information for Byron Station Units 1 and 2 respectively

This letter contains new regulatory commitments, which are identified in Enclosure 3.

Should you have any questions concerning the content of this letter, please contact Ron Gaston at (630) 657-3359.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 27th day of November 2012.

Respectfully,



Glen T. Kaegi
Director, Midwest Licensing and Regulatory Affairs
Exelon Generation Company, LLC

Enclosures:

1. Seismic Walkdown Report In Response To The 50.54(f) Information Request Regarding Fukushima Near-Term Task Force Recommendation 2.3: Seismic for the Byron Station, Unit 1, Report Number: 12Q0108.20-R-001, Revision 1
2. Seismic Walkdown Report In Response To The 50.54(f) Information Request Regarding Fukushima Near-Term Task Force Recommendation 2.3: Seismic for the Byron Station, Unit 2, Report Number: 12Q0108.20-R-002, Revision 1
3. Summary of Regulatory Commitments

U.S. Nuclear Regulatory Commission
180-Day Response to 50.54(f) Letter
NTTF Recommendation 2.3: Seismic
November 27, 2012
Page 3

cc: Director, Office of Nuclear Reactor Regulation (with Enclosures 1 and 2 via CD)
Regional Administrator - NRC Region III (with Enclosures 1 and 2 via CD)
NRC Senior Resident Inspector - Byron Station
(with Enclosures 1 and 2 via CD)
NRC Project Manager, NRR - Byron Station
(with Enclosures 1 and 2 via CD)
Illinois Emergency Management Agency - Division of Nuclear Safety
(with Enclosures 1 and 2 via CD)

Enclosure 3

SUMMARY OF REGULATORY COMMITMENTS

The following table identifies commitments made in this document. (Any other actions discussed in the submittal represent intended or planned actions. They are described to the NRC for the NRC's information and are not regulatory commitments.)

COMMITMENT	COMMITTED DATE OR "OUTAGE"	COMMITMENT TYPE	
		ONE-TIME ACTION (Yes/No)	PROGRAMMATIC (Yes/No)
1. EGC will complete the supplemental inspections of 45 Byron Unit 1 electrical cabinets identified in Table E-2 of Enclosure 1.	May 31, 2013	Yes	No
2. EGC will complete the walkdown of the 17 Byron Unit 2 items identified in Table E-1 of Enclosure 2, deferred due to inaccessibility.	May 31, 2013	Yes	No
3. EGC will complete the supplemental inspections of 42 Byron Unit 2 electrical cabinets identified in Table E-2 of Enclosure 2.	May 31, 2013	Yes	No