

March 7, 2013

MEMORANDUM TO: Meena Khanna, Chief  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

FROM: Peter Bamford, Project Manager */ra/*  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: THREE MILE ISLAND, UNIT NO. 1 - ELECTRONIC TRANSMISSION,  
DRAFT REQUEST FOR ADDITIONAL INFORMATION REGARDING  
FIFTH INSERVICE TEST INTERVAL RELIEF REQUEST PR-01  
NUCLEAR SERVICES CLOSED COOLING WATER FLOW  
MEASUREMENT (TAC NO. MF0046)

The attached draft request for additional information (RAI) was transmitted by electronic transmission on March 5, 2013, to Mr. Thomas Loomis, at Exelon Generation Company, LLC (Exelon, the licensee). This draft RAI was transmitted to facilitate the technical review being conducted by the Nuclear Regulatory Commission (NRC) staff and to support a conference call (if needed) with Exelon in order to clarify the licensee's relief request regarding Nuclear Services Closed Cooling Water flow rate measurement during testing at Three Mile Island Nuclear Station, Unit 1. The draft RAI is related to the licensee's submittal dated November 7, 2012. The draft question was sent to ensure that it was understandable, the regulatory basis was clear, and to determine if the information was previously docketed. Additionally, review of the draft RAI would allow Exelon to evaluate and agree upon a schedule to respond to the RAI. This memorandum and the attachment do not represent an NRC staff position.

Docket No. 50-289

Enclosure: As stated

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LPL1-2 R/F

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\* via email

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DATE	03/07/2013	02/28/13

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REQUEST FOR ADDITIONAL INFORMATION  
THREE MILE ISLAND NUCLEAR STATION, UNIT 1  
FIFTH INSERVICE TEST INTERVAL RELIEF REQUEST PR-01  
NUCLEAR SERVICES CLOSED COOLING WATER FLOW MEASUREMENT  
DOCKET NO. 50-289

By letter dated November 7, 2012 (Agencywide Documents Access and Management System Accession No. ML12313A344), Exelon Generation Company, LLC, submitted three relief requests for U.S. Nuclear Regulatory Commission (NRC) approval (PR-01, PR-02, and VR-02). These relief requests apply to the Fifth Inservice Testing Interval at Three Mile Island Nuclear Station, Unit 1. This request for additional information applies only to request PR-01, "Relief Request Concerning Nuclear Services Closed Cooling Water Flow Rate Measurement During Group A Tests In Accordance with 10 CFR 50.55a(f)(5)(iii)." PR-01 proposes an alternative test method, as compared to the requirements of American Society of Mechanical Engineers Code for Operation and Maintenance of Nuclear Power Plants, 2004 Edition, with addenda through OMB-2006, ISTB-5121(b). The alternative test method is being proposed due to the lack of installed individual pump flow instrumentation. The NRC staff has been reviewing the submittal and has determined that additional information is needed to complete its review.

Request for Additional Information:

- 1.) In the attachment to letter dated November 7, 2012, Relief Request PR-01, Section 6, "Proposed Alternative and Basis for Use," it is stated that, "Individual pump flow rates will be calculated and compared against individual pump flow rate reference values." Please describe the methodology used to calculate the individual pump flow rates and how the reference values were established.

Enclosure