



10 CFR 50.90  
10 CFR 50.12

TMI-13-107  
August 13, 2013

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Three Mile Island Nuclear Station, Unit 1  
Renewed Facility Operating License No. DPR-50  
NRC Docket No. 50-289

**Subject:** Response to Request for Additional Information - Revision to the Pressure and Temperature Limit Curves and the Low Temperature Overpressure Protection Limits, and 10 CFR 50.12 Exemption Request - Initial RT<sub>NDT</sub> Values for Linde 80 Welds

- References:**
- 1) Letter from M. Jesse (Exelon Generation Company, LLC) to U.S. Nuclear Regulatory Commission, "Revision to the Pressure and Temperature Limit Curves and the Low Temperature Overpressure Protection Limits, and 10 CFR 50.12 Exemption Request - Initial RT<sub>NDT</sub> Values for Linde 80 Welds," dated December 14, 2012
  - 2) Letter from P. Bamford (U.S. Nuclear Regulatory Commission) to M. Pacilio (Exelon Generation Company, LLC), "Three Mile Island Nuclear Station, Unit 1 - Supplemental Information Needed for Acceptance of Requested Licensing Action RE: Proposed Revision to the Pressure and Temperature Limit Curves and the Low-Temperature Overpressure Protection Limits (TAC Nos. MF0424 AND MF0425)," dated January 25, 2013
  - 3) Letter from M. Jesse (Exelon Generation Company, LLC) to U.S. Nuclear Regulatory Commission, "Supplemental Information - Revision to the Pressure and Temperature Limit Curves and the Low Temperature Overpressure Protection Limits, and 10 CFR 50.12 Exemption Request - Initial RT<sub>NDT</sub> Values for Linde 80 Welds," dated January 31, 2013
  - 4) Letter from P. Bamford (U.S. Nuclear Regulatory Commission) to M. Pacilio (Exelon Generation Company, LLC), "Three Mile Island Nuclear Station, Unit 1 - Request for Additional Information Regarding Proposed Revision to Pressure and Temperature Limit Curves and Exemption Request for Initial Reference Temperature Values (TAC Nos. MF0425 and MF0426)," dated July 22, 2013

ADD  
LRR

Response to Request for Additional Information –  
Revision to P-T Curves and LTOP Limits,  
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In the Reference 1 letter, Exelon Generation Company, LLC (Exelon) requested proposed changes that would modify the pressure-temperature (P-T) limit curves and Low Temperature Overpressure Protection (LTOP) limits in the Three Mile Island Nuclear Station (TMI), Unit 1 Technical Specification (TS) Sections 3.1.2 ("Pressurization Heatup and Cooldown Limitations"), 3.1.12 ("Pressurizer Power Operated Relief Valve (PORV), Block Valve, and Low Temperature Overpressure Protection (LTOP)") and 4.5.2 ("Emergency Core Cooling System").

Also included was an exemption request concerning initial reference temperature values.

In the Reference 2 letter, the U.S. Nuclear Regulatory Commission requested additional information. Reference 3 was our response to that letter.

In the Reference 4 letter, the U.S. Nuclear Regulatory Commission requested additional information. Attachment 1 is our response to the request for information. Attachment 2 is updated AREVA Document No. ANP-3102, "Three-Mile Island Unit 1 Appendix G Pressure-Temperature Limits at 50.2 EFPY with MUR," Revision 3, dated July 2013.

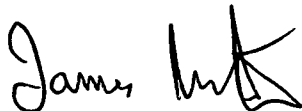
Exelon has reviewed the information supporting a finding of no significant hazards consideration and the environmental consideration provided to the U.S. Nuclear Regulatory Commission in Reference 1. The additional information provided in this submittal does not affect the bases for concluding that the proposed license amendment does not involve a significant hazards consideration. In addition, the additional information provided in this submittal does not affect the bases for concluding that neither an environmental impact statement nor an environmental assessment needs to be prepared in connection with the proposed amendment.

There are no regulatory commitments contained in this submittal.

Should you have any questions concerning this letter, please contact Tom Loomis at (610) 765-5510.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 13<sup>th</sup> of August 2013.

Respectfully,



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James Barstow  
Director - Licensing and Regulatory Affairs  
Exelon Generation Company, LLC

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Attachment 1: AREVA Document No. ANP-3102Q1, "Response to NRC Request for Additional Information Regarding License Amendment Request to Update Pressure-Temperature Limit Curves for Three-Mile Island Unit 1," Revision 0, dated August 2013

Attachment 2: AREVA Document No. ANP-3102, "Three-Mile Island Unit 1 Appendix G Pressure-Temperature Limits at 50.2 EFPY with MUR," Revision 3, dated July 2013

cc: Regional Administrator, Region I, USNRC  
USNRC Senior Resident Inspector, TMI  
USNRC Project Manager