

## NRR-PMDAPEm Resource

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**From:** Sreenivas, V  
**Sent:** Thursday, August 13, 2015 4:05 PM  
**To:** Sreenivas, V  
**Subject:** Request for additional information, North Anna Power Station, N1-14-SPT-006, pressure test, TAC MF6250

Copy to File

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**From:** Sreenivas, V  
**Sent:** Thursday, August 13, 2015 8:45 AM  
**To:** 'david.heacock@dom.com' (david.heacock@dom.com)  
**Cc:** Diane Aitken (Generation - 6) (diane.aitken@dom.com) ; Craig D Sly (Generation - 6) (craig.d.sly@dom.com) ; Jay Leberstien (jay.leberstien@dom.com) ; Pascarelli, Robert  
**Subject:** Request for additional information, North Anna Power Station, N1-14-SPT-006, pressure test, TAC MF6250

By letter dated May 19, 2015, (Agencywide Document Access and Management System (ADAMS) Accession No. ML15147A016), VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION or the licensee) submitted relief requests for the fourth 10-year in-service inspection (ISI) interval program at North Anna Power Station, Unit No.1 (NAPS Unit 1). Dominion requested use of alternatives to certain American Society of Mechanical Engineers *Boiler and Pressure Vessel Code* (ASME Code), Section XI requirements. Included in this submittal was Relief Request N1-I4-SPT-006 which proposed to use alternative system leakage testing pressure criteria for a specific Class 1 pipe segment at or near the end of the inspection interval.

The NRC staff reviewed N1-I4-SPT-006 and determined that additional information is needed for the safety evaluation. If you have any questions please contact me at 301-415-2597. **Please submit the response by September 14, 2015.**

ATTACHMENT TO E-MAIL:

REQUEST FOR ADDITIONAL INFORMATION  
REQUEST FOR ALTERNATIVE N1-I4-SPT-006, REGARDING SYSTEM LEAKAGE TESTING ON  
CLASS 1 AUXILIARY SPRAY PIPING  
VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)  
NORTH ANNA POWER STATION, UNIT 1  
DOCKET NUMBER 50-338

By letter dated May 19, 2015, (Agencywide Document Access and Management System (ADAMS) Accession No. ML15147A016), VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION or the licensee) submitted relief requests for the fourth 10-year in-service inspection (ISI) interval program at North Anna Power Station, Unit No.1 (NAPS Unit 1). Dominion requested use of alternatives to certain American Society of Mechanical Engineers *Boiler and Pressure Vessel Code* (ASME Code), Section XI requirements. Included in this submittal was Relief Request N1-I4-SPT-006 which proposed to use alternative system leakage testing pressure criteria for a specific Class 1 pipe segment at or near the end of the inspection interval.

The NRC staff reviewed N1-I4-SPT-006 and determined that the following additional information is needed for the safety evaluation.

1. Please provide a drawing of the auxiliary spray piping segment. The drawing is listed on the Relief Request as 11715-CBM-095C-4, Sheet 1 of 2, but was not included with the request.
2. Please provide a list of materials for the auxiliary spray piping and discuss the pipe construction.
3. Are there any welded connections (e.g., butt or socket) in the auxiliary spray piping? Discuss any industry or plant specific operating experience regarding potential degradation of the welded connections in the subject components by mechanism such as fatigue or stress corrosion cracking?
4. If there are welded connections in the subject piping segment, have they been volumetrically examined during current or past intervals?
5. Is there any current or past history of leakage in the subject piping segment? If so, please discuss the leakage and what corrective actions were taken. What are the leakage detection capabilities at the plant?
6. Are any segments of the auxiliary spray piping insulated or inaccessible in a manner that would prevent a complete VT-2 examination? If so, discuss methods planned to examine these sections.
7. Will there be any retained pressure in the pipe during the VT-2 Examinations? If so, provide the retained pressure values in the pipe and what will be in the pipe (i.e., RCS coolant or air?)
8. Discuss whether or not it is possible to pressure test the auxiliary spray piping segment with an external pump.
9. Are there any other factors such as excessive dosage that should be considered in this evaluation?

**Hearing Identifier:** NRR\_PMDA  
**Email Number:** 2297

**Mail Envelope Properties** (V.Sreenivas@nrc.gov20150813160500)

**Subject:** Request for additional information, North Anna Power Station, N1-14-SPT-006, pressure test, TAC MF6250  
**Sent Date:** 8/13/2015 4:05:00 PM  
**Received Date:** 8/13/2015 4:05:00 PM  
**From:** Sreenivas, V

**Created By:** V.Sreenivas@nrc.gov

**Recipients:**  
"Sreenivas, V" <V.Sreenivas@nrc.gov>  
Tracking Status: None

**Post Office:**

Files	Size	Date & Time
MESSAGE	4231	8/13/2015 4:05:00 PM

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**