



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

14 August 2015  
E-42893

**Subject:** Sixty Day Interim Report Notification per 10CFR 21.21(a)(2)

**Reference:** AREVA TN Corrective Action Report 2015-183

This letter provides information concerning an evaluation being performed by AREVA TN regarding the identification of weld indications on a NUHOMS® 61BTH Type 1 Dry Shielded Canister (DSC) during the Nine Mile Point Nuclear Station spent fuel storage loading campaign. AREVA TN has not concluded that this is a reportable condition in accordance with the requirements of 10CFR 21.21(d) and additional time is required for completion of inspections, determination of a root cause, and evaluation of potentially affected systems.

A weld that was originally examined and accepted by the DSC fabricator using the liquid dye penetrant (PT) method was discovered to have indications by AREVA TN. This deviation was discovered during the PT examination of the DSC field closure welds that are directly adjacent to the fabrication welds of the DSC.

AREVA TN has not identified any DSCs supplied to Licensees that are loaded with spent fuel that contain this deviation. Additional PT examinations have been performed on DSCs supplied to, but not in service, at the Licensees' facilities. DSCs that were being shipped to the Licensees were diverted to AREVA TN facilities for additional investigations. AREVA TN's investigation of the cause of the deviation is ongoing.

The information required for a 60-Day Interim Report Notification per § 21.21(a)(2) is provided in Enclosure 1. It is currently expected that the evaluation of this condition will be completed by 13 November 2015.

If you have any questions, please feel free to contact our Licensing Manager, Don Shaw, at (410) 910-6878 or myself at (410) 910-6831.

Sincerely,

Paul A. Triska  
Vice President, Technical Services  
AREVA TN

For

Gregory T. Vesey  
Senior Vice President  
AREVA TN

Enclosure:

(1) 60-Day Interim Report Notification Information per §21.21(a)(2)

CC:

Paul Triska  
Dennis Lang

Jayant Bondre  
Chris Lloyd

Peter Shih  
Don Shaw

**AREVA TN**

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NMS5*

Enclosure 1

60-Day Interim Report Notification Information per §21.21(a)(2)

(i) Name and address of the individual or individuals informing the Commission.

Gregory T. Vesey  
Sr. Vice President  
AREVA TN  
7135 Minstrel Way, Suite 300  
Columbia, MD 21045

(ii) Identification of the facility, the activity, or the basic component supplied for such facility or such activity within the United States which fails to comply or contains a defect.

Nine Mile Point Nuclear Station  
Exelon  
348 Lake Road  
Oswego, New York  
13126

(iii) Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

No basic components have been concluded to be defective. The dry shielded canisters supplied to Exelon Nine Mile Point Nuclear Station by AREVA TN were manufactured by Larsen & Toubro.

(iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.

No basic components have been concluded to be defective. This is an interim report. AREVA TN has identified indications in DSC welds that were previously examined and accepted by the DSC manufacturer. The deviation in the weld could affect the structural capability of the weld. The weld in question is subjected to a final helium leak testing by the Licensee, and the confinement function is not in question.

(v) The date on which the information of such defect or failure to comply was obtained.

The deviation was identified by a PT examination on 18 June 2015.

(vi) In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured, or being manufactured for one or more facilities or activities subject to the regulations in this part.

AREVA TN has not identified any DSC supplied to Licensees that are loaded with spent fuel that contain this deviation.

The following units were identified to have the deviation and have since been repaired under AREVA TN procedure TIP 15.2, Control of Nonconforming Items:

- NMP-61BTH-1-A-2-022
- NMP-61BTH-1-A-2-023
- NMP-61BTH-1-A-2-024

**AREVA TN**

The following units were identified to have the deviation and arrangements are being made to complete the repairs under AREVA TN procedure TIP 15.2, Control of Nonconforming Items:

- NMP-61BTH-1-A-2-032
- NMP-61BTH-1-A-2-034

(vii) The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

AREVA TN's investigation of the cause of the deviation is ongoing. AREVA TN anticipates completion of the Part 21 reportability determination by 13 November 2015.

(viii) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

AREVA TN has provided information related to the deviation to Exelon and Duke Energy. Both licensees have received DSCs from AREVA TN that are subject of the AREVA TN root cause analysis.

(ix) In the case of an early site permit, the entities to whom an early site permit was transferred.

This requirement is not applicable.

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## AREVA TN