

May 3, 2006

Mr. Joseph E. Venable
Vice President Operations
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

SUBJECT: WATERFORD STEAM ELECTRIC STATION, UNIT 3 (WATERFORD 3) -
REQUEST FOR ADDITIONAL INFORMATION RELATED TO PROPOSED
TECHNICAL SPECIFICATION CHANGE REGARDING TUBE SHEET
INSPECTION DEPTH FOR STEAM GENERATOR TUBE INSPECTIONS
(TAC NO. MC6421)

Dear Mr. Venable:

By letter dated March 15, 2005, Entergy Operations, Inc., proposed revisions to the Waterford 3 Technical Specifications regarding tubesheet inspection depth for steam generator tube inspections. By letter dated March 22, 2006, Entergy Operations, Inc. responded to Nuclear Regulatory Commission (NRC) staff's request for additional information.

After reviewing the information contained in your March 22 letter, the NRC staff has determined that additional information is required to complete the review. As discussed with members of your staff, the NRC staff is requesting a response within 30 days of the date of this letter.

If you have any questions, please call me at (301) 415-3062.

Sincerely,

/RA/

Mel B. Fields, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-382

Enclosure: Request for Additional Information

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION

TECHNICAL SPECIFICATION CHANGE REGARDING TUBE SHEET
INSPECTION DEPTH FOR STEAM GENERATOR TUBE INSPECTIONS

ENERGY OPERATIONS, INC.

WATERFORD STEAM ELECTRIC STATION, UNIT 3

DOCKET NO. 50-382

By letter dated March 15, 2005 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML050770200), Entergy Operations, Inc. submitted an application to change Waterford Steam Electric Station (Waterford), Unit 3, technical specifications (TSs) related to steam generator tube inspection. The changes would define the depth of the required tube inspections and plugging criteria within the tubesheet, with the depth of inspection defined as "C*" ("C-star").

In order to complete its review of the license amendment for Waterford, Unit 3, the staff needs the additional information requested below. This request refers to your March 22, 2006, response (ADAMS Accession No. ML060860331) to the staff's request for additional information (RAI) dated October 25, 2005 (ADAMS Accession No. ML053080136).

1. In your response to RAI #6, you noted that, after approval of a pending amendment, your reporting requirements will be governed by the "Steam Generator Tube Inspection Report" in Technical Specification Task Force (TSTF) Traveler TSTF-449, Revision 4. These reporting requirements include much of the information the staff is interested in receiving as discussed in RAI #6. Please confirm that, as part of the requirement to submit the results of your condition monitoring assessment, you intend to provide your assessment of accident-induced leakage from all tubesheet indications.
2. In your response to RAI #9 regarding the use of leak-tight sleeves, you stated that sleeves would be periodically inspected over their full length plus 5 inches beyond the sleeve-to-tube rolled joint using an appropriate examination methodology. The response also refers to your pending application to adopt TSTF-449, Revision 4 "Steam Generator Tube Integrity Program." Currently, no sleeves are installed in the Waterford, Unit 3, steam generators; however, your current TSs and TS 6.5.9.f proposed in your TSTF-449 application allow the use of sleeving (CENS Report CEN-605-P, "Steam Generator Tube Repair Using Leak Tight Sleeves").

In a letter dated March 31, 2006 (ML060860221), as part of the TSTF-449 application review for Waterford, Unit 3, the staff asked a question regarding the ability to inspect a certain portion of these sleeves (RAI #1). As currently proposed, your TSs would no longer require an inspection of a portion of the sleeves if it was installed approximately 10.6" below the top of the tubesheet. Since no technical basis was provided for not inspecting the lower part of the sleeves, it is not clear why your TSs do not include a requirement to inspect this part of the sleeves. Please discuss your plans for modifying your TSs to reflect your plans for inspecting sleeves (including the lower sleeve joint).

In addition, discuss your plans to incorporate into your TSs the appropriate repair criteria for flaws located in the sleeve/tube assembly. As discussed in TSTF-449, steam generator tube integrity satisfies Criterion 2 of 10 CFR 50.36(c)(2)(ii).

Waterford Steam Electric Station, Unit 3

cc:

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