

June 2, 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 CHANGES REGARDING LEAK DETECTION
INSTRUMENTS (TAC NO. MD0173)

Dear Mr. Venable:

By letter dated February 15, 2006, Entergy Operations, Inc., proposed revisions to Waterford 3 Technical Specification 3.4.5.1, "Reactor Coolant System Leakage - Leakage Detection Instrumentation," to credit the measurement tank weir flow instrumentation for the containment fan cooler condensate flow monitoring system in place of the one containment fan cooler condensate flow switch.

After reviewing the information contained in your letter dated February 15, 2006, the Nuclear Regulatory Commission (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 60 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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DATE	6/1/06	6/1/06	05/18/2006	6/2/06

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REQUEST FOR ADDITIONAL INFORMATION
TECHNICAL SPECIFICATION CHANGE REGARDING
REACTOR COOLANT SYSTEM LEAKAGE DETECTION INSTRUMENTATION
ENERGY OPERATIONS, INC.
WATERFORD STEAM ELECTRIC STATION, UNIT 3
DOCKET NO. 50-382

By letter dated February 15, 2006 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML060480417), Entergy Operations, Inc. submitted an application to change Waterford Steam Electric Station (Waterford), Unit 3, Technical Specification 3.4.5.1, "Reactor Coolant System Leakage - Leakage Detection Instrumentation," to credit the measurement tank weir flow instrumentation for the containment fan cooler condensate flow monitoring system in place of the one containment fan cooler condensate flow switch.

In order to complete its review of the license amendment for Waterford, Unit 3, the staff needs the additional information requested below.

1. Explain why use of the Containment Fan Cooler (CFC) flow switches with monitoring equipment that is capable of adding the condensate flow from all CFCs, thereby detecting reactor coolant system leakage of 1 gpm within an hour, is not a viable option for resolving the problem that has been identified.
2. The measurement tank weir flow monitor was previously approved (Amendment No. 197) as one of two acceptable containment sump monitoring methods. The two containment sump monitoring methods are similar in nature and acceptance of the tank weir flow monitor added operational flexibility but it did not add diversity.

Please justify how the proposed change satisfies the diversity criteria that are specified in Regulatory Guide 1.45 for leak detection methods.

Waterford Steam Electric Station, Unit 3

cc:

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May 2006