

August 31, 1995

Mr. Ross P. Barkhurst
Vice President Operations
Entergy Operations, Inc.
P. O. Box B
Killona, LA 70066

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION- GENERIC LETTER 95-03
"CIRCUMFERENTIAL CRACKING OF STEAM GENERATOR TUBES"
(TAC NO. M92288)

Dear Mr. Barkhurst:

On April 28, 1995, the U.S. Nuclear Regulatory Commission issued Generic Letter (GL) 95-03 "Circumferential Cracking of Steam Generator Tubes" which requested addressees to evaluate recent operating experience related to circumferential cracking, justify continued operation until the next scheduled steam generator tube inspections, and to develop plans for the next steam generator tube inspections. The staff has reviewed the response provided by Entergy Operations, Inc. for Waterford Steam Electric Station, Unit 3 by letter dated June 27, 1995. As a result of the review of your response, the staff has identified areas for which additional information and/or clarification is needed. The enclosure to this letter contains the information needed for the staff to complete its review of your response to GL 95-03. Please provide your response within 30 days from the receipt of this letter.

This request is within the original reporting burden for information collection covered by the Office of Management and Budget clearance number 3150-0011, which expires July 31, 1997.

Sincerely,

ORIGINAL SIGNED BY:
Chandu P. Patel, Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-382

cc: See next page

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NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Energy Operations, Inc.
P. O. Box B
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Chandu P. Patel

Chandu P. Patel, Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

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cc: See next page

Mr. Ross P. Barkhurst
Energy Operations, Inc.

Waterford 3

cc:

Mr. William H. Spell, Administrator
Louisiana Radiation Protection Division
Post Office Box 82135
Baton Rouge, LA 70884-2135

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

Mr. Jerrold G. Dewease
Vice President, Operations
Support
Energy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286

Resident Inspector/Waterford NPS
Post Office Box 822
Killona, LA 70066

Mr. R. F. Burski, Director
Nuclear Safety
Energy Operations, Inc.
P. O. Box B
Killona, LA 70066

Parish President Council
St. Charles Parish
P. O. Box 302
Hahnville, LA 70057

Mr. Robert B. McGehee
Wise, Carter, Child & Caraway
P.O. Box 651
Jackson, MS 39205

Mr. Harry W. Keiser, Executive Vice-
President and Chief Operating Officer
Energy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286-1995

Mr. Dan R. Keuter
General Manager Plant Operations
Energy Operations, Inc.
P.O. Box B
Killona, LA 70066

Chairman
Louisiana Public Service Commission
One Americar. Place, Suite 1630
Baton Rouge, LA 70825-1697

Mr. Donald W. Vinci, Licensing Manager
Energy Operations, Inc.
P. O. Box B
Killona, LA 70066

Donna Ascenzi
Radiation Program Manager, Region 6
Environmental Protection Agency
Air Environmental Branch (6T-E)
1445 Ross Avenue
Dallas, TX 75202-2733

Winston & Strawn
Attn: N. S. Reynolds
1400 L Street, N.W.
Washington, DC 20005-3502

REQUEST FOR ADDITIONAL INFORMATION - GENERIC LETTER 95-03 - WATERFORD UNIT 3

1. The following areas have been identified as being susceptible to circumferential cracking:
 - a. Expansion transition circumferential cracking
 - b. Small radius U-bend circumferential cracking
 - c. Dented location (including dented TSP) circumferential cracking
 - d. Sleeve joint circumferential cracking

In your response, areas b, c, and d were not specifically addressed. These areas have been identified as being susceptible to circumferential cracking as evidenced by operating experience at other recirculating steam generators. Please submit the information requested in Generic Letter (GL) 95-03 per the guidance contained in the GL for these areas (and any other area susceptible to circumferential cracking). The staff realizes that some of the above areas may not have been addressed since they may not be applicable to your plant; however, the staff requests that you clarify this (e.g., no sleeves are installed; therefore, the plant is not susceptible to sleeve joint circumferential cracking).

ENCLOSURE