

September 26, 1995

Mr. William T. Cottle
Group Vice-President, Nuclear
Houston Lighting & Power Company
South Texas Project Electric
Generating Station
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING GENERIC LETTER
95-03, "CIRCUMFERENTIAL CRACKING OF STEAM GENERATOR TUBES," SOUTH
TEXAS PROJECT (STP), UNITS 1 & 2 (TAC NOS. M92276 AND M92277)

Dear Mr. Cottle:

On April 28, 1995, the NRC 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 Houston Lighting and Power Company for
STP. 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 receipt of this letter. This
request is within the original reporting burden for information collection of
350 hours covered by the Office of Management and Budget clearance number
3150-0011, which expires July 31, 1997.

Sincerely,

Original Signed By:
Thomas W. ATexion, Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure: RAI

cc w/encl: See next page

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Document Name: STP92276.RAI

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NAME	TClark JLC	TAllexion/vw
DATE	9/25/95	9/26/95
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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Group Vice-President, Nuclear
Houston Lighting & Power Company
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Dear Mr. Cottle:

On April 28, 1995, the NRC 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 Houston Lighting and Power Company for STP. 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 describes the information needed for the staff to complete its review of your response to GL 95-03. This request is in addition to the request for additional information sent to you on September 8, 1995.

Please provide your response within 30 days from receipt of this letter. This request is within the original reporting burden for information collection of 350 hours covered by the Office of Management and Budget clearance number 3150-0011, which expires July 31, 1997.

Sincerely,

Thomas W. Alexion, Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure: RAI

cc w/encl: See next page

Mr. William T. Cottle
Houston Lighting & Power Company

South Texas, Units 1 & 2

cc:

Mr. David P. Loveless
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 910
Bay City, TX 77414

Jack R. Newman, Esq.
Morgan, Lewis & Bockius
1800 M Street, N.W.
Washington, DC 20036-5869

Mr. J. C. Lanier/M. B. Lee
City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

Licensing Representative
Houston Lighting and Power Company
Suite 610
Three Metro Center
Bethesda, MD 20814

Mr. K. J. Fiedler
Mr. M. T. Hardt
Central Public Service Board
P. O. Box 1771
San Antonio, TX 78296

Rufus S. Scott
Associate General Counsel
Houston Lighting and Power Company
P. O. Box 61867
Houston, TX 77208

Mr. C. A. Johnson
Central Power and Light Company
P. O. Box 289
Mail Code: N5012
Wadsworth, TX 74483

Joseph R. Egan, Esq.
Egan & Associates, P.C.
2300 N Street, N.W.
Washington, DC 20037

INPO
Records Center
700 Galleria Parkway
Atlanta, GA 30339-3064

Office of the Governor
ATTN: Andy Barrett, Director
Environmental Policy
P. O. Box 12428
Austin, TX 78711

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

Arthur C. Tate, Director
Division of Compliance & Inspection
Bureau of Radiation Control
Texas Department of Health
1100 West 49th Street
Austin, TX 78756

Mr. Joseph M. Hendrie
50 Bellport Lane
Bellport, NY 11713

J. W. Beck
Little Harbor Consultants, Inc.
44 Nichols Road
Cohasset, MA 02025-1166

Judge, Matagorda County
Matagorda County Courthouse
1700 Seventh Street
Bay City, TX 77414

Mr. Lawrence E. Martin
General Manager, Nuclear Assurance Licensing
Houston Lighting and Power Company
P. O. Box 289
Wadsworth, TX 77483

REQUEST FOR ADDITION INFORMATION

GENERIC LETTER (GL) 95-03

SOUTH TEXAS PROJECT, UNITS 1 AND 2

1. During the Maine Yankee outage in July/August 1994, several weaknesses were identified in their eddy current program as detailed in NRC Information Notice (IN) 94-88, "Inservice Inspection Deficiencies Result in Severely Degraded Steam Generator Tubes". In IN 94-88, the staff observed that several circumferential indications could be traced back to earlier inspections when the data was reanalyzed using terrain plots. These terrain plots had not been generated as part of the original field analysis for these tubes. For the rotating pancake coil (RPC) examinations performed at your plant at locations susceptible to circumferential cracking during the previous inspection (i.e., previous inspection per your GL 95-03 response), discuss the extent to which terrain plots were used to analyze the eddy current data. If terrain plots were not routinely used at locations susceptible to circumferential cracking, discuss whether or not the RPC eddy current data has been reanalyzed using terrain mapping of the data. If terrain plots were not routinely used during the outage and your data has not been reanalyzed with terrain mapping of the data, discuss your basis for not reanalyzing your previous RPC data in light of the findings at Maine Yankee.

Discuss whether terrain plots will be used to analyze the RPC eddy current data at locations susceptible to circumferential cracking during your next steam generator tube inspection (i.e., the next inspection per your GL 95-03 response).

ENCLOSURE