



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 14, 2011

Mr. G. T. Powell
Vice President, Technical Support and Oversight
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
SOUTH TEXAS PROJECT, LICENSE RENEWAL APPLICATION –
ELECTRICAL BRANCH SCOPING (TAC NOS. ME4936 AND ME4937)

Dear Mr. Powell:

By letter dated October 25, 2010, STP Nuclear Operating Company (STPNOC or the applicant), submitted an application pursuant to Title 10 of the *Code of Federal Regulation* Part 54 (10 CFR Part 54), to renew the operating licenses NPF-76 and NPF-80 for South Texas Project Units 1 and 2 (STP), for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review.

These requests for additional information were discussed with Mr. Arden Aldridge, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at (301) 415-3873 or by e-mail john.daily@nrc.gov.

Sincerely,

A handwritten signature in black ink that reads "John Daily".

John Daily, Senior Project Manager
License Renewal Branch RPB1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-498, 50-499

Enclosure:
Requests for Additional Information

cc w/encl: See next page

SOUTH TEXAS PROJECT
LICENSE RENEWAL APPLICATION
REQUESTS FOR ADDITIONAL INFORMATION
DOCKET NOS. 50-498 AND 50-499
TAC NOS. ME4936, ME4937

1. RAI 2.5-1, Temperature sensors/transducers subject to aging management review.
 - a. **Background:** NEI 95-10, "Industry Guideline for Implementing the Requirements of 10 CFR Part 54 - The License Renewal Rule," Appendix B indicates that elements, resistance temperature detectors (RTDs), sensors, thermocouples and transducers should be included in the list of components/commodity groups subject to Aging Management Review if a pressure boundary is applicable.
 - b. **Issue:** The staff cannot find these components/groups in the applicant's LRA.
 - c. **Request:** Please justify why these components are not included in Section 2.5 of the License Renewal Application.

2. RAI 2.5-2, Control circuits and structures associated with Station Blackout (SBO) recovery.
 - a. **Background:** In accordance with 10 CFR 54.4(a)(3) and SRP-LR section 2.5.2.1.1, the control circuits and structures associated with the switchyard circuit breakers used to supply the SBO recovery paths should be within the scope of license renewal.
 - b. **Issue:** The applicant has not included these components/groups within the scope of license renewal.
 - c. **Request:** Please confirm whether these components are within the scope of license renewal. If not within scope, then justify why they are not included.

ENCLOSURE

April 14, 2011

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Office of Nuclear Reactor Regulation

Docket Nos. 50-498, 50-499

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Requests for Additional Information

cc w/encl: Listserv

ADAMS Accession No.: ML110890764

OFFICE	LA:DLR	PM:RPB1:DLR	BC:RPB1:DLR	PM: RPB1:DLR
NAME	SFigueroa	JDaily	BPham	JDaily
DATE	3/31/11	4/4/11	4/12/11	4/14/11

OFFICIAL RECORD COPY

Letter to G. T. Powell from J. Daily dated April 14, 2011

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ELECTRICAL BRANCH SCOPING (TAC NOS. ME4936 AND ME4937)

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