



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

September 28, 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  
(TAC NOS. ME4938 AND ME5122)

Dear Mr. Powell:

By letter dated October 25, 2010, STP Nuclear Operating Company submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54 to renew operating licenses NPF-76 and NPF-80 for South Texas Project 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 301-415-3617 or by e-mail at [Tam.Tran@nrc.gov](mailto:Tam.Tran@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Tam M. Tran", is written over a faint, larger signature.

Tam M. Tran, Project Manager  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure:  
As stated

cc w/encl: Listserv

SOUTH TEXAS PROJECT LICENSE RENEWAL APPLICATION  
REQUESTS FOR ADDITIONAL INFORMATION

Issue:

Clarification is needed on inconsistent labeling of transmission lines in submitted information.

Background:

Section 2.1.7 of NUREG-1555 Supplement 1, Environmental Standard Review Plan for Operating License Renewal specifies the requirement: "the power transmission system description is consistent, accurate, and given in sufficient detail," for the analysis in the draft supplemental environmental impact statement. The staff requests clarification since the transmission lines appear to be inconsistently labeled. Section 3.1.3 of STP Nuclear Operating Company's license renewal environmental report describes seven 345-kV lines that connect South Texas Project (STP), Units 1 and 2, to the regional electric grid: Velasco, Blessing, Hillje, Holman, Hill Country, Sky Line, and White Point loop. However, Section 3.7 of the STP combined license environmental report (ER) describes nine 345-kV transmission lines that connect STP, Units 1 and 2, to the regional power grid. The nine lines described are given different names than those in the license renewal application ER: DOW 18, DOW 27, WAP 39, Elm Creek 18, Hillje 64, Blessing 44, Elm Creek 27, Hillje 44, and Whitepoint 39.

Requested information:

Please provide the following clarifications:

- (a) how many lines connect STP to the regional power grid
- (b) the names of each line

ENCLOSURE

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/RA/

Tam M. Tran, Project Manager  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

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Enclosure:  
As stated

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\*concurrent via email

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NAME	IKing	TTran	Almboden	DWrona (LRegner for)	TTran
DATE	09/26/2011	09/26/2011	09/27/2011	09/28/2011	09/28/2011

OFFICIAL RECORD COPY

Letter to G. T. Powell from Tam M. Tran dated September 28, 2011

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