



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

May 26, 2011

Mr. M. J. Ajluni  
Nuclear Licensing Director  
Southern Nuclear Operating Company, Inc.  
40 Inverness Center Parkway  
Post Office Box 1295, Bin - 038  
Birmingham, AL 35201-1295

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2 –  
PRESUBMITTAL CONSIDERATION OF STEAM GENERATOR ALTERNATIVE  
REPAIR CRITERIA REQUIREMENTS – REQUEST FOR ADDITIONAL  
INFORMATION (TAC NOS. ME5417 AND ME5418)

Dear Mr. Ajluni:

The following is a Request for Additional Information for Vogtle Electric Generating Plant, Units 1 and 2 presubmittal review of a license amendment request to apply alternative repair criteria for the steam generator tube inspections.

The Nuclear Regulatory Commission (NRC) staff understands that in responding to MPR Question 22, Westinghouse made adjustments to the coefficient of thermal expansion (CTE) statistics. One of these adjustments was that the tube and tubesheet CTE sample variances were calculated using the data from only the Westinghouse experiments in order to decrease the spread of data at a given temperature. What is the justification for not considering all the data available? What effect would consideration of all available data have on the calculated variances versus what was considered in the probabilistic H\* analysis?

The NRC staff's request for additional information is enclosed. Please provide a response within thirty (30) days of the date of this letter.

Sincerely,

A handwritten signature in black ink that reads "Patrick G. Boyle" with a long horizontal flourish extending to the right.

Patrick G. Boyle, Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

cc: Distribution via Listserv

May 26, 2011

Mr. M. J. Ajluni  
Nuclear Licensing Director  
Southern Nuclear Operating Company, Inc.  
40 Inverness Center Parkway  
Post Office Box 1295, Bin - 038  
Birmingham, AL 35201-1295

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2 –  
PRESUBMITTAL CONSIDERATION OF STEAM GENERATOR ALTERNATIVE  
REPAIR CRITERIA REQUIREMENTS – REQUEST FOR ADDITIONAL  
INFORMATION (TAC NOS. ME5417 AND ME5418)

Dear Mr. Ajluni:

The following is a Request for Additional Information for Vogtle Electric Generating Plant, Units 1 and 2 presubmittal review of a license amendment request to apply alternative repair criteria for the steam generator tube inspections.

The Nuclear Regulatory Commission (NRC) staff understands that in responding to MPR Question 22, Westinghouse made adjustments to the coefficient of thermal expansion (CTE) statistics. One of these adjustments was that the tube and tubesheet CTE sample variances were calculated using the data from only the Westinghouse experiments in order to decrease the spread of data at a given temperature. What is the justification for not considering all the data available? What effect would consideration of all available data have on the calculated variances versus what was considered in the probabilistic H\* analysis?

The NRC staff's request for additional information is enclosed. Please provide a response within thirty (30) days of the date of this letter.

Sincerely,

/RA/

Patrick G. Boyle, Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

cc: Distribution via Listserv

DISTRIBUTION:

Public	RidsRgn2MailCenter Resource	RidsOgcRp Resource
LPL2-1 R/F	RidsAcrcAcnw_MailCTR	RidsNrrPMVogtle Resource
RidsNrrDorlLpl2-1 Resource	RidsNrrDciCsgb Resource	EMurphy, NRR
RidsNrrLAMOBrien Resource	RidsNrrDorlDpr Resource	

ADAMS Accession No.: ML11140A099

OFFICE	NRR/LPL2-1/PM	NRR/LPL2-1/LA	NRR/CSGB/BC	NRR/LPL2-1/BC	NRR/LPL2-1/PM
NAME	PBoyle	MOBrien (BClayton for)	RTaylor (MYoder for)	GKulesa	PBoyle
DATE	05/23/11	05/23/11	05/23/11	05/25/11	05/26/11

OFFICIAL RECORD COPY