

January 28, 2008

LICENSEE: Southern Nuclear Operating Company, Inc.  
FACILITY: Vogtle Electric Generating Plant, Units 1 and 2  
SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JANUARY 16, 2008, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND SOUTHERN NUCLEAR OPERATING COMPANY, INC., CONCERNING REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Southern Nuclear Operating Company, Inc., held a telephone conference call on January 16, 2008, to discuss and clarify the staff's request for additional information (RAI) and audit database questions concerning the Vogtle Electric Generating Plant, Units 1 and 2, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAIs.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a summary of the discussions and a listing of the RAIs; and database questions discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

***/RA/***

Donnie J. Ashley, Sr. Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

Enclosures:  
As stated

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DATE	1/17/08	1/17/08	1/28/08

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TELEPHONE CONFERENCE CALL  
VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS  
JANUARY 16, 2008

PARTICIPANTS

AFFILIATIONS

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SUMMARY OF TELEPHONE CONFERENCE  
VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION

JANUARY 16, 2008

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Southern Nuclear Operating Company, Inc., held a telephone conference call on January 16, 2008, to discuss and clarify the following request for additional information (RAIs) and audit database questions concerning the Vogtle Electric Generating Plant (VEGP), Units 1 and 2, license renewal application (LRA).

**Q&A Database Question** 3.4-05

It is our understanding that the Alloy 625 (nickel-chromium-molybdenum-columbium alloy) used in flex connectors is a new material. The staff asked whether these connectors were included in the scope of the nickel alloy program for non-reactor vessel head components.

**Discussion:** The applicant indicated that the question is clear. The material is included in the VT-ISI program. The Q&A Database response will be modified to provide a clarification of the program.

**Q&A Database Question** 3.4-13

The applicant's program uses a One-Time Inspection Program to manage loss of material in stainless steel steam generator blowdown processing system flow orifices/elements, piping components, strainer housings, and valve bodies. The Q&A database response indicated that there is VEGP specific operating experience on loss of material of steam generator blowdown piping downstream of the blowdown demineralizers. The staff indicated that the experience documented was for carbon steel and not stainless steel. The staff asked for a justification for crediting a one-time inspection for this piping.

**Discussion:** Based on the discussion with the applicant, the staff indicated that the response to this audit database question requires clarification. The applicant agreed to clarify their response by removing any reference to carbon steel piping experience since the Aging Management Review (AMR) referred to in the staff's question pertains to loss of material in stainless steel piping rather than carbon steel.

**Q&A Database Question** 3.4-22

The staff asked for clarification on which steam and power conversion systems (S&PC) are in scope and which are not, and also which S&PC systems were folded into other S&PC systems. During the AMR audit, the auditors were told that the condensate system is not in scope.

ENCLOSURE 2

This appears to contradict information in Section 2.4 of the LRA. The staff is seeking clarification as to how the AMR methodology was applied to the S&PC systems.

**Discussion:** Based on the discussion with the applicant, the staff indicated that the response to this audit database question requires clarification. The applicant agreed to clarify their response by providing additional information on the combined condensate and feedwater system and how those systems were evaluated in accordance with the applicant's AMR methodology. This discussion relates to Question 3.4-01 as well.

**Q&A Database Question** 4.7.2-2

The staff asked for clarification of the Time Limited Aging Analysis (TLAA) for the corrosion allowances of the fuel oil storage tanks and associated fuel oil piping. The staff's understanding is that the applicant is amending the license renewal application (LRA) to commit to and credit a one-time ultrasonic test (UT) of the interior liners of the fuel oil storage tanks. The staff sought clarification on whether this commitment is applicable to the fuel oil piping as well, since the TLAA is applicable to the fuel oil storage tanks and associated fuel oil piping.

**Discussion:** The applicant indicated that the question is clear and will evaluate the TLAA and will either provide clarification on the programs and commitments used to accept this TLAA in accordance with 10 CFR54.21(c)(1)(iii) or amend the application to accept this TLAA in accordance with 10 CFR54.21(c)(1)(ii).

**Q&A Database Question** B.3.10-01 and B.3.10-06

The applicant's response to database questions B.3.10-01 and B.3.10-06 may contradict each other.

**Discussion:** Based on the discussion with the applicant, the staff indicated that the response to this database question requires clarification. The applicant indicated that it would review the responses to each questions B.3.10-01 and B.3.10-06 to confirm the consistency of the information and clarify the responses in the database.

**RAIQuestion** 4.3-4

LRA Section 4.3.1.5 stated that the environmentally-assisted fatigue on the surge line hot leg nozzle, charging nozzle, and safety injection nozzle was evaluated using fatigue monitoring software. Is this correct? It appears that the safety injection nozzle was evaluated using a different method. Please clarify.

**Discussion:** The applicant indicated that the question is clear and will incorporate information into the RAI response to clarify whether the safety injection nozzles were evaluated for environmentally-assisted fatigue, and if so, describe the methods.

Letter to Southern Nuclear from Donnie Ashley, dated January 28, 2008

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