Docket Nos: 50-424
and 50-425

February 14, 1985

APPLICANT: Georgia Power Company

FACILITY: Vogtle, Units 1 and 2

SUBJECT: SUMMARY OF AUXILIARY SYSTEMS OPEN ITEM MEETING AND TELECON ON VOGTLE

On January 22, 1985, the staff met in Bethesda, Maryland, with the applicant and its representatives to discuss open items (OI) and confirmatory issues (CI) in the auxiliary systems area as identified in the draft safety evaluation report (DSER) for operation of Vogtle, Units 1 and 2. Participants are listed in Enclosure 1.

A discussion of each of items follows:

OI 110 Flood protection requirements.

This item will remain open until the applicant satisfies that portion of the open item discussed in DSER Section 2.4.10.

OI 113 Monitoring of watertight doors.

The applicant should commit to automatically alarming watertight door position in the control room or indicate a position surveillance frequency to be part of the Technical Specifications.

OI 115 Tornado missile protection for cooling tower fans.

The applicant provided a probabilistic risk assessment (PRA) at the meeting (Enclosure 2) and will also discuss the PRA in the FSAR. The applicant will also explain the consequences of operating with one nuclear service cooling water tower unavailable and less than four (including zero) fans operating in the second tower.

OI 116 Steamline break analysis.

The applicant is awaiting a generic Westinghouse analysis which is scheduled to be complete in August 1985. The staff needs a specific commitment from the applicant that equipment outside of containment affected by superheat will be considered and protected.

OI 117 Flooding analysis of a circulating water system double-ended rupture.

The applicant will perform a flooding analysis by March 1, 1985, to address this open item.

OI 122 Overhead heavy load handling system.

The applicant has rewritten FSAR Section 9.1.5. It plans to submit a draft FSAR amendment of this section to the staff in early February to be followed soon thereafter in an amendment. Copies will be forwarded concurrently to the staff consultant, BNL.

OI 124 Protection of electrical equipment by DG ventilation system from dust and accumulation.

The applicant stated that the response to Q430.45 in Amendment 13 due late January 1985 should resolve this item. The applicant indicated that it will add to this response the resolution of the flowrate discrepancy identified in DSER Section 9.4.5.

OI 125 AFW reliability study (subject of January 25, 1985 telecon)

Enclosure 3 contains comments from the Technical Evaluation Report (TER) transmitted to Georgia Power Company by letter dated January 10, 1985. The comments served as the telecon agenda. The following comment numbers correspond to the item numbers in the enclosure:

(1) The FSAR needs to be revised to address double operator verification of valve position as required by TMI Item II E.1i.

(2) Because BNL included preaccident operator errors in their analysis, the applicant does not need to revise anything.

(3) The applicant was more conservative than BNL, therefore, there is no problem.

(4) Assuming one AFWS train out at a time is correct.

(5) Assuming maintenance of diesel generators would have little effect on the analysis.

(6) The applicant needs to update the FSAR to indicate what formulas were used.

(7) The applicant should add to FSAR Section 10.4.9 why check valves do not have disks. This item also needs to be addressed in plant operating procedures.

(8) The FSAR should indicate that the condensate storage tank (CST) low level alarm allows the operator 20 minutes to transfer to the other CST.

(9) When the applicant knows how the recirculation line test will be conducted, its AFW reliability reports needs to be revised to reflect this information.

(10) This information is not necessary.

(11) When the applicant knows the AFWS testing procedures, its study will be remodeled to include this information.

(12)/(13) This would have a minor affect on the analysis.

(14) BNL needs to revise its report to identify one exception where maintenance on a manual valve was considered by BNL.

The staff had additional areas which were discussed at the meeting.

(1) As a result of a recent amendment, the applicant needs to add further discussion to the FSAR on the essential and normal chilled water systems, especially concerning alarms.

(2) All sheets of FSAR Fig. 10.3.2-1 need to be updated to correspond to Sheet 2 of the figure. Also, bypass lines were added to the figure and the associated text now needs to be updated.

(3) In FSAR Amendment 7, nonsafety connections above the 330,000 gallon level were deleted from Table 10.4.9-4. This needs to be clarified.

(4) The staff will require at least one RHR suction valve in each drop line to have power removed for alternate shutdown.

(5) If Sheets 1 and 2 of FSAR Figure 9.2.1-1 are correct, a discussion needs to be added to the FSAR to explain the seismec class change between the orifice and isolation valve on the sample lines. If the figure is wrong, it needs to be corrected.

(6) In response to a staff question, the applicant indicated that the air compressors cannot be manually loaded on to the diesel generator busses.

(7) The staff emphasized the need for Technical Specifications concerning the control room ventilation system when Unit 1 is operating and Unit 2 is still under construction because the control room pressure envelope needs to be maintained. A similar situation may exist in the fuel building.

(8) In response to a staff question, the applicant stated that failure of a nonsafety-related ventilation system will not affect safety-related equipment.

(9) In response to a staff question, the applicant stated that the only safety-related equipment in the equipment building is seismic Category 1 duct work.

(10) The applicant should add discussion to the FSAR as to consequences of loss of ventilation in the main steam isolation valve and feedwater isolation valve areas and the consequences of exceeding 200°F in these areas.

(11) The applicant should add a discussion to the FSAR on the main steam isolation valve/main steam dump valve as to how the system works, whether or not it interfaces with the nitrogen system, what happens on loss of nitrogen, etc.

(12) The applicant needs to provide discussions in the FSAR as to what type of protection was required for the AFW pump missile.

Unless noted otherwise, the applicant plans to respond to the above by mid-February.

/S/

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Enclosures:
As stated

cc: See next page

NOTED

DL:LB #4	ASB	ASB	DL:LB #4
for MMiller	WLeFave	OParr	EAdensam
2/8/85	2/11/85	2/11/85	2/14/85

VOGTLE

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ENCLOSURE 1

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