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Vogtle Project

September 29, 1988

United States Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

File: X7BC33  
Log: GN-1496

PLANT VOGTLE - UNIT 2  
NRC DOCKET NUMBER 50-425  
CONSTRUCTION PERMIT NUMBER CPPR-109  
FIRE PROTECTION: INSPECTION OF COMPLIANCE

Gentlemen:

In response to your letter dated September 15, 1988 we have provided to the NRC Region II office a copy of the latest revision to the documents requested. These documents are provided for your inspection team to prepare for their evaluation of the Vogtle Unit 2 compliance with NUREG-0800, Section 9.5.1, Safe Shutdown Capability and Associated Fire Protection Features.

The information provided consists of:

1. Attachment 1 - a brief overview (51 pages) of the Plant Vogtle fire event safe shutdown evaluation program.
2. Attachment 2 - the results of the fire event safe shutdown evaluations which identify the safe shutdown train available to achieve safe shutdown given a fire in any plant fire area. This report also identifies any special operational and design considerations (including raceway wrapping/radiant energy shields) and delineates the fire induced spurious actuations which could be expected to occur.
3. Attachment 3 - the results of the Control Room Fire Alternate shutdown evaluation.
4. Attachment 4 - the plant operating procedure which is used in the event of a control room fire.
5. Attachments 5a and 5b - the plant operating procedures which are used to shutdown the plant during non-fire conditions. The supplementing procedure that defines the safe shutdown train available and the spurious actuations that may occur is presently scheduled for issuance prior to your inspection. This procedure is very similar to the Unit 1 procedure which your people have already seen.
6. Attachments 6 thru 13 - listings of the drawings being provided at your request. The color coded raceway drawings (listed in Attachment 6) are the only copy of these documents available and we request that you return them during the inspection. These documents form the basis for a portion of our fire protection finalization program and we would like to maintain the original documents in the project files.

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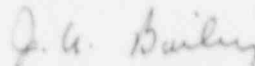
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The results of the common power supply and common enclosure associated circuits analyses are reflected in the elementary diagrams (Attachment 11). The supporting calculations, and the engineers and plant operators familiar with the fire protection program will be available as requested to address any concerns that your inspection team may have.

Should you have any questions, please inquire.

Sincerely,



J. A. Bailey  
Project Licensing Manager

JAB/sem  
w/o Attachments

xc: NRC Regional Administrator  
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Vogtle Project File

List of Attachments

1. Fire Event Safe Shutdown Evaluation Report  
(Per Branch Technical Position (MEB9.5-1), Rev. 1).
2. Unit 2 Fire Event Safe Shutdown Evaluation Summary Report,  
Rev. 0.
3. Control Room Fire Alternate Shutdown Evaluation (Spurious  
Actuation Study), Rev. 4.
4. VEGP Procedure No. 18038-2, Rev. 0, "AOP-Operation from remote  
shutdown panels".
- 5a. VEGP Procedure No. 12005-C, Rev. 4, "Reactor Shutdown to Hot  
Standby".
- 5b. VEGP Procedure No. 12006-C, Rev. 9 "Unit Cooldown to Cold  
Shutdown".
6. Raceway Drawing Color Coded for Safe Shutdown Circuit Locations  
listing.
7. Fire Area Drawing listing (Unit 2 scope only).
8. Process and Instrumentation Diagram listing.
9. Electrical One Line Drawings listing.
10. Loop Diagram listing.
11. Electrical Elementary Drawing listing (4 sheets).
12. Emergency Lighting Unit Location Drawing listing.
13. Equipment Location Drawing listing.