

August 13, 1985

Dockets Nos. 50-321  
and 50-366

Mr. J. T. Beckham, Jr.  
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Dear Mr. Beckham:

SUBJECT: NRC PLANT VISIT FOR INFORMATION ON SAFETY PARAMETER DISPLAY SYSTEM  
IMPLEMENTATION AND OPERATION

This is to confirm the participation of your plant in supporting a visit on October 8 through 10, 1985 by an NRC team for the purpose of gathering information in connection with the implementation and operation of Safety Parameter Display Systems.

The requirement to provide a Safety Parameter Display System (SPDS) in control rooms is identified in Supplement 1 to NUREG-0737. The NRC SPDS review process for operating reactors is designed to avoid delays resulting from time required for NRC staff review. Licensee submittals are only reviewed to determine if a serious safety question is posed by the proposed SPDS or if the licensee's analysis is seriously inadequate.

In the regional workshops on implementation of Supplement 1 to NUREG-0737, in February and March 1983, the staff stated that post-implementation SPDS reviews would be conducted. To assure effective use of limited staff and utility resources, we are undertaking a program to obtain information which will allow us to determine the need for, and if found necessary, the scope, depth and extent of the NRC's SPDS post-implementation review. This program will consist of visits to six plants which have been chosen as representative of industry and SPDS vendor type.

The information obtained during the visits will be sufficiently thorough and comprehensive to allow an assessment of how well SPDS objectives are being met and to provide the basis for an NRC regulatory position on SPDS post-implementation reviews. The program is not a compliance review against the requirements of NUREG-0737 Supplement 1, although the cooperating licensees will be given full credit for all requirements met in the event of later evaluations.

Because of the need to proceed with the SPDS review process, the schedule for completion of the program is very demanding. Your cooperation in assuring that the dates are adhered to is greatly appreciated. The enclosure outlines an agenda for the review. A total of about four NRC staff and contractor

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Mr. Beckham

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personnel will be in attendance. In addition to control room access, camera passes will be needed.

Thank you again for your cooperation in assuring a successful program.

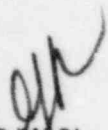
Sincerely,

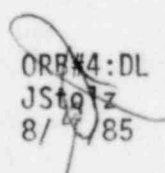
\*ORIGINAL SIGNED BY  
JOHN F. STOLZ\*

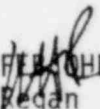
John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosure:  
SPDS Review Agenda  
and Schedule

cc w/enclosure:  
See next page

  
ORB#4:DL  
GRivenbark;cr  
8/9/85

  
ORB#4:DL  
JStolz  
8/9/85

  
HFE/HFE  
WRegan  
8/12/85

## Agenda

### SPDS Reviews

#### A. Day 1

1. Introductions and Entry Briefings (NRC/utility)
2. Overview of SPDS Program
  - 2.a History of implementation
  - 2.b Organizational responsibilities
  - 2.c Functional requirements and description
3. SPDS Parameter Selection, Function and Task Analysis and Design Review Results. (utility)
4. HFE Considerations (utility)
  - 4.a Pre-delivery
  - 4.b Operator-requested items
  - 4.c Overall evaluation by utility
5. Technical Description of SPDS (utility)
  - 5.a Hardware and software
  - 5.b Power supplies
  - 5.c Reliability features
  - 5.d Electrical isolation
  - 5.e Planned improvements
6. V&V Program and Results (utility)
7. Testing Program and Results (utility)
8. Configuration Control (utility)
9. User Acceptance (utility)
10. SPDS Maintenance and Calibration Program (utility)
11. User's Manual and User Training (utility)
12. Software Security (utility)

B. Day 2

Interviews with Shift Supervisor, Senior Control Room Operator, Control Room Operator, STA, Training Coordinator, and I&C Engineer. (see questionnaire)  
Observe the SPDS at the simulator, if available. HFE review by NRC team.

C. Day 3

1. Discussion/ Clarification of Any Remaining Items
2. Exit Briefing (NRC)

Mr. J. T. Beckham, Jr.  
Georgia Power Company

Edwin I. Hatch Nuclear Plant,  
Units Nos. 1 and 2

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