



**PSEG**

Public Service  
Electric and Gas  
Company

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April 15, 1983

Director of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20014

Atten: Mr. Albert Schwencer, Chief  
Licensing Branch 2  
Division of Licensing

Gentlemen:

HOPE CREEK GENERATING STATION  
DOCKET NO. 50-354  
GENERIC LETTER 82-33

Pursuant to Generic Letter 82-33, Supplement 1 to NUREG-0737 - Requirements for Emergency Response Capability, Public Service Electric and Gas Company is forwarding the attached schedule information for completing the basic requirements of each of the items identified in NUREG-0737, Supplement 1. The dates indicated herein are subject to modification due to incorporation of ongoing BWR Owners Group program recommendations and equipment delivery schedules.

If you require additional information, do not hesitate to contact us.

Very truly yours,

R. L. Mittl  
General Manager -  
Nuclear Assurance and Regulation

DJD:cag

Attachment A, B, C, D & E

CC: Mr. D. H. Wagner  
USNRC Licensing Project Manager

Mr. W. H. Bateman  
USNRC Senior Resident Inspector

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The Energy People

*A003*  
*ADD:*  
*W. Paulson*

A. SAFETY PARAMETER DISPLAY SYSTEM (SPDS)

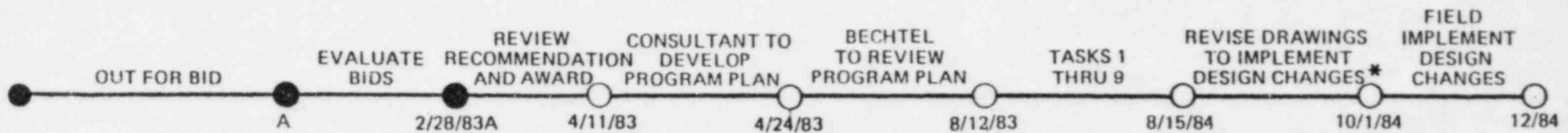
SPDS design will be finalized by February 1984, at which time a safety analysis describing the basis for all selected parameters will be provided. The SPDS is scheduled to be operable by June, 1985. The SPDS will be factored into the overall control room design review scheduled to begin August 12, 1983, (See Attachment B, Figure B-1). Any additional SPDS recommendations resulting from the BWR Owner's Group's ongoing program will be evaluated for applicability to Hope Creek Generating Station. The present SPDS design is discussed in Hope Creek Generating Station Final Safety Analysis Report Section 7.5.

B. DETAILED CONTROL ROOM DESIGN REVIEW

Figure B-1 provides a detailed schedule for completing the actions necessary to comply with the basic requirements for a detailed control room design review. A program plan will be submitted by October 12, 1983. A summary report will be submitted by August 15, 1984, and will include a schedule for implementation of resulting design changes. Detailed discussions of the Hope Creek Generating Station control room design review will be incorporated in amendments to Chapter 18 of the Final Safety Analysis Report.

FIGURE B-1

## TMI I.D.1 CONTROL ROOM DESIGN REVIEW



### TASKS

- 1) DEVELOP DETAILED SCHEDULE
- 2) CONDUCT OPERATING EXPERIENCE REVIEW
- 3) DEVELOP C/R INVENTORY
- 4) SYSTEM FUNCTIONAL REVIEW AND TASK ANALYSIS
- 5) CONDUCT C/R SURVEYS
- 6) VERIFICATION OF TASK PERFORMANCE CAPABILITIES
- 7) VALIDATION OF C/R FUNCTIONS
- 8) HUMAN ENGINEERING DISCREPANCY (HED) ASSESSMENT
- 9) FINAL REPORT

### NOTES:

- \* DESIGN CHANGES TO BE IMPLEMENTED WILL BE BASED ON SCOPE OF HED'S AND COMPLEXITY OF ACCOMPLISHMENT.
- 1) 12/82 DATE PER BLP 13878
- 2) THIS ITEM ASSUMED TO BE AN EXCLUSION FROM THE TURNOVER OF THE CONTROL COMPLEX FOR INTEGRATED TESTING (INCENTIVE FOR MILESTONE NO. 4)

C. Regulatory Guide 1.97 - Application to Emergency Response Facilities

Hope Creek Generating Station Final Safety Analysis Report Section 1.8 describes compliance to Regulatory Guide 1.97, Revision 2. Final Safety Analysis Report Section 7.5 provides additional details on the control room integrated display system, and the emergency response facilities display systems provided in the technical support center and emergency operations facility. Final Safety Analysis Report Table 7.5-1 lists the parameters from Table 1 of Regulatory Guide 1.97 that are displayed by the control room integrated display system and the emergency response facilities display systems. This table also provides the information required to be submitted in a report under Section 6.2 of Supplement 1 to NUREG-0737. The control room integrated display equipment is scheduled for installation by December 1983.

D. UPGRADE EMERGENCY OPERATING PROCEDURES (EOPs)

All emergency procedures will be written following the guidelines of INPO 82-017, Emergency Operating Procedure Writing Guidelines, and the guidelines of the BWR Owners Group-Emergency Procedures Committee, as long as the guidelines do not contradict existing NRC directives. Corrections will be made, as necessary, based on NRC audits of these procedures. A procedures package will be submitted to NRC by January 1985.

#### E. EMERGENCY RESPONSE FACILITIES

The Hope Creek Generating Station Technical Support Center, Operations Support Center, and Emergency Operations Facility are designed to support emergency operation and meet the intent of the requirements of NUREG-0737. These facilities are scheduled to be completely functional by June 1985.