



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FEB 26 1985

Docket No. 50-354

APPLICANT: Public Service Electric & Gas Company (PSE&G)
FACILITY: Hope Creek Generating Station
SUBJECT: SUMMARY OF HOPE CREEK SAFETY PARAMETER DISPLAY SYSTEM
MEETING (SPDS)

On January 22, 1985, a meeting was held in the Bethesda, Maryland offices of the NRC to discuss the Hope Creek SPDS. Participating attendees at the meeting included representatives of the NRC, PSE&G and the Essex Corporation. Meeting attendees are identified in Enclosure 1 to this meeting summary.

As noted above, the purpose of the meeting was to discuss the Hope Creek SPDS. At the meeting, PSE&G distributed copies of the SPDS program plan, which is included as Enclosure 2 to this meeting summary. Based on a quick review of the plan, the staff had the following comments:

1. basis documents for parameter selection should be identified,
2. containment isolation parameters should be identified,
3. a table showing the relationship of parameters to critical safety functions should be provided,
4. data validation process should be discussed,
5. reliability of the SPDS should be discussed,
6. photographs of actual display formats would be helpful,
7. description of human factors program for developing display hardware and software should be included,
8. description of how invalid data is displayed on the screen should be included,
9. onsite review groups conclusions with respect to SPDS should be presented,
10. plans for system validation should be discussed, including any useability studies, man-in-the-loop testing and/or simulation exercises (discussion should include a list of transients to be used in the system validation to exercise the parameter set and demonstrate the useability of parameters over a wide range of conditions),

11. method proposed for electronic and electrical isolation of SPDS from safety systems should be discussed, and
12. a tentative implementation schedule should be proposed that includes completion dates for major verification and validation milestones and operator training.

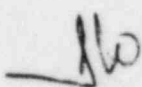
Following the meeting, the applicant indicated by telephone that the above comments will be considered in the development of the SPDS Safety Analysis Report, which will be submitted to the NRC in March 1985.


David H. Wagner, Project Manager
Licensing Branch #2
Division of Licensing

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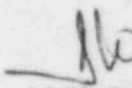
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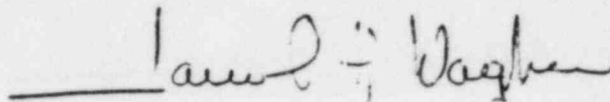
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A handwritten signature in cursive script, reading "David H. Wagner". The signature is written in dark ink and is positioned above a horizontal line that serves as a separator between the signature and the typed name below.

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Enclosure 1

APPLICANT: PUBLIC SERVICE ELECTRIC & GAS COMPANY
FACILITY: HOPE CREEK GENERATING STATION
SUBJECT: HOPE CREEK SPDS MEETING
DATE: TUESDAY, JANUARY 22, 1985

<u>NAME</u>	<u>AFFILIATION</u>
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Irv Mermelstein	PSE&G Licensing
Jim Schilder	Operations Engineering, Inc.
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Mike Rogers	PSE&G Operations
G. C. Connor	PSE&G Operations
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