



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

FEB 28 1985

Docket No. 50-354

APPLICANT: Public Service Electric & Gas Company (PSE&G)
FACILITY: Hope Creek Generating Station
SUBJECT: SUMMARY OF INDEPENDENT DESIGN VERIFICATION PROGRAM (IDVP)
MEETING

On February 12, 1985, a meeting was held in the Bethesda, Maryland offices of the NRC to discuss the Hope Creek IDVP. A list of meeting attendees is included as Enclosure 1 to this meeting summary.

The NRC staff has been seeking additional assurances from applicants that the design process used for constructing their plants is fully consistent with the FSAR. To provide this assurance, a number of applicants have undertaken an IDVP, performed by an independent contractor, or a self-directed engineering assurance program conducted by the applicant with NRC overview. In other cases, the staff's Office of Inspection and Enforcement has conducted an Integrated Design Inspection.

By letter dated December 5, 1984 (D. Eisenhut, NRC to R. Mittl, PSE&G), PSE&G was requested to present to the staff any plans they had for assuring that Hope Creek was designed in accordance with FSAR commitments. By letter dated February 4, 1985 (R. Mittl, PSE&G to H. Thompson, NRC) PSE&G responded that they had decided to perform an IDVP, and that Sargent & Lundy (S&L) had been chosen as the independent contractor.

At the meeting, PSE&G presented a meeting agenda included herein as Enclosure 3. Hard copy of the slides used in the presentations are included as Enclosures 4 through 7. Specific information concerning the IDVP was made available to the staff in the form of the IDVP Work Scope Document (included as Enclosure 2) which was used by the applicant to secure and evaluate bids. PSE&G noted that recently the scope of the IDVP had been expanded to provide for:

1. review of an additional system (containment atmosphere control system),
2. examination of six additional environmental qualification packages,
3. a six day systems walkdown by Sargent & Lundy, and
4. Sargent & Lundy review of selected preoperational test procedures.

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Following a brief review of the IDVP Work Scope Document (and the expanded scope) and the benefit of the applicant's presentations, the staff had the following comments:

1. The protocol used during the Clinton IDVP was exemplary. The staff strongly suggested PSE&G examine this protocol for use during the Hope Creek IDVP.
2. The applicant should submit the IDVP program plan developed by S&L to the staff (including the expanded work scope).
3. S&L should justify that the systems selected for the IDVP are truly representative of the plant systems.

After a brief caucus, PSE&G agreed to the following actions:

1. the Hope Creek IDVP Program Plan (including the expanded work scope and justification for believing the systems reviewed in the IDVP are representative of the plant) will be submitted to the staff,
2. a protocol for the Hope Creek IDVP will be proposed after reviewing the Clinton IDVP protocol and its applicability to the Hope Creek IDVP, and
3. the resumes of the Sargent & Lundy IDVP team members will be submitted for staff review.

The applicant stated the above information would be submitted to the staff in the program plan on February 22, 1985. Since the meeting the applicant has slipped the submittal date to March 1, 1985. Based upon the applicant's commitments above, the staff agreed to perform an expedited review of the Hope Creek IDVP Program Plan and transmit the results of the review to PSE&G within a week or two after receipt of the program plan.

Original signed by:

Dave Wagner, Project Manager
Licensing Branch No. 2
Division of Licensing

Enclosures: As stated

cc: See next page

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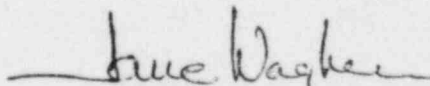
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cc: See next page

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APPLICANT: PUBLIC SERVICE ELECTRIC & GAS COMPANY

Enclosure 1

FACILITY: HOPE CREEK GENERATING STATION

SUBJECT: INDEPENDENT DESIGN VERIFICATION PROGRAM (IDVP)

MTG.

DATE: TUESDAY, FEBRUARY 12, 1985

<u>NAME</u>	<u>AFFILIATION</u>
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Frank E. Greer	MDC
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