

September 26, 1984

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Docket No. 50-334

Mr. J. J. Carey, Vice President
Nuclear Division
Duquesne Light Company
Post Office Box 4
Shippingport, PA 15077

Dear Mr. Carey:

SUBJECT: RESULTS OF IN-PROGRESS AUDIT OF BEAVER VALLEY POWER STATION UNIT
1, DETAILED CONTROL ROOM DESIGN REVIEW (DCRDR)

We have reviewed and commented on the BV-1 DCRDR Program Plan, and have conducted an on-site in-progress audit between July 23 and 26, 1984. Results of the evaluation indicate that the BV-1 DCRDR is proceeding in a manner that will satisfy most of the guidelines of Supplement 1 to NUREG-0737. Details are presented in the enclosed report prepared by Science Applications, Inc. Our concerns are in the following areas:

1. The BV-1 survey checklists have replaced the objective criteria from Section 6, NUREG-0700 with subjective criteria based on the NUTAC Control Room Design Review Survey Development Guidelines. This has resulted in a less than rigorous and thorough survey.
2. Assurance should be provided that the multidisciplinary team (including operations and human factors specialists) will be maintained throughout the assessment of HEDs and development and evaluation of design improvements.
3. The schedule for implementation of design improvements needs better definition and a firmer commitment.
4. The SPDS development program is independent of the DCRDR program and integration of SPDS into the control room and EOPs does not appear to be adequately coordinated.

A full evaluation of the DCRDR will be accomplished following submittal of the Summary Report in November 1985.

If you need clarification on any of these, please feel free to contact your Project Manager, Mr. Peter Tam.

Sincerely,

/s/SVarga

Steven A. Varga, Branch Chief
Operating Reactors Branch #1
Division of Licensing

cc:

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