

June 27, 1984

Docket No. 50-333

LICENSEE: Power Authority of the State of New York
FACILITY: James A. FitzPatrick Nuclear Power Plant
SUBJECT: SUMMARY OF THE DETAILED CONTROL ROOM DESIGN REVIEW
PROGRAM PLAN MEETING ON MAY 10, 1984 FOR FITZPATRICK

A meeting with representatives of the Power Authority of the State of New York (PASNY) was held on May 10, 1984 to discuss comments contained in NRC's February 22, 1984 letter to PASNY concerning the James A. FitzPatrick (JAF) Detailed Control Room Design Review (DCRDR). A list of attendees is provided in the enclosure. The discussions touched upon the nine elements of the DCRDR requirements specified in NUREG-0737, Supplement 1. Overall, the comments made by the NRC in its February 22, 1984 letter and at this meeting indicated that PASNY had not provided information in sufficient detail to allow a comprehensive evaluation to be performed of its plans for conducting a DCRDR. PASNY responded to these comments by stating that its program plan did not contain detailed information because a human factors contractor for the DCRDR had not been selected yet and, therefore, the DCRDR methodologies, assignment of personnel, etc., were not finalized. PASNY stated that once a human factors contractor has been selected and brought on board, the DCRDR plans would be finalized and documented to a greater level of detail. PASNY further stated that this detailed information would be provided either in the DCRDR Summary Report, scheduled for submittal on November 15, 1985, or in an earlier special report. In addition, PASNY agreed to submit a letter by late July 1984 addressing the open items discussed at this meeting and contained in the NRC's letter of February 22, 1984. The July letter would also contain the decision as to whether the above referenced detailed information will be provided in the Summary Report or in an earlier report.

The following is a summary of the key comments or commitments made at the meeting:

- o The qualifications of the person(s) assuming the role of the Instrumentation and Control (I&C) Engineer on the DCRDR team are not presently known since PASNY has not made this selection. PASNY stated that electrical engineers will most likely assume the I&C functions.
- o PASNY will provide a matrix of personnel or discipline (e.g., human factors) assignment to DCRDR activities.
- o PASNY will ensure continuity between the 1981 BWROG survey work and the DCRDR through the involvement of the Assistant to the JAF plant Superintendent, who was involved in the 1981 work and is presently involved in the DCRDR.

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- o The System Function and Task Analysis (SF&TA) methodology, including the verification of task performance capabilities, will be described in greater detail by PASNY. In addition, the scope will be clarified and the task analysis form will be revised to reflect the actual analysis methodology.
- o Information provided by PASNY describing the comprehensiveness of the control room survey will be in concert with comments made in Generic Letter 83-18.
- o The methodology and criteria to be used in assessing HEDs will be described in greater detail by PASNY. The NRC stressed that the potential for operator error and the safety consequences should be weighed more heavily than the degree of non-compliance with checklist criteria.
- o The methodology and criteria to be used in selecting HED corrections will be described in greater detail by PASNY. PASNY assured the NRC that the design selection program will follow the typical quality control program at JAF.
- o PASNY will provide more information on how it will ensure that HED improvements/corrections provide the necessary corrections without introducing new HEDs and, also, how it will coordinate the DCRDR with other improvement programs, such as the EOP upgrade and the SPDS.

Original signed by/

Harvey I. Abelson, Project Manager
Operating Reactors Branch #2
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
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OFFICE	DL:ORB#2	DL:ORB#2					
SURNAME	HAbelson	DVassallo					
DATE	06/27/84	06/27/84					

Mr. J. P. Bayne
Power Authority of the State of New York
James A. FitzPatrick Nuclear Power Plant

cc:

Mr. Charles M. Pratt
Assistant General Counsel
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

U. S. Environmental Protection
Agency
Region II Office
Regional Radiation Representative
26 Federal Plaza
New York, New York 10007

Mr. Corbin A. McNeill, Jr.
Resident Manager
James A. FitzPatrick Nuclear
Power Plant
Post Office Box 41
Lycoming, New York 13093

Mr. J. A. Gray, Jr.
Director - Nuclear Licensing - BWR
Power Authority of the State
of New York
123 Main Street
White Plains, New York 10601

Mr. Robert P. Jones, Supervisor
Town of Scriba
R. D. #4
Oswego, New York 13126

Mr. Leroy W. Sinclair
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Mr. Jay Dunkleberger
Division of Policy Analysis
and Planning
New York State Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Resident Inspector's Office
U. S. Nuclear Regulatory Commission
Post Office Box 136
Lycoming, New York 13093

Mr. A. Klausman
Vice President - Quality Assurance
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Mr. George Wilverding, Chairman
Safety Review Committee
Power Authority of the State
of New York
123 Main Street
White Plains, New York 10601

Mr. M. C. Cosgrove
Quality Assurance Superintendent
James A. FitzPatrick Nuclear
Power Plant
Post Office Box 41
Lycoming, New York 13093

Thomas A. Murley
Regional Administrator
Region I Office
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Attendance List for the DCRDR Program Plan Meeting for JAF:

<u>Name</u>	<u>Organization</u>
George Lapinsky	NRC/DHFS/HFEB
Harvey Abelson	NRC/DL
Tim O'Donoghue	Science Applications, Inc.

Utility Representatives

Judd Ellmers	New York Power Authority (NYPA)/Licensing JAF
Stephen J. Manzione	NYPA/Operation & Maintenance
Hamilton Fish	NYPA/Asst. to Supt. - JAF
Don Burgy	General Physics Corporation.