



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

JUL 24 1986

MEMORANDUM TO: Walter R. Butler, Director
 BWR Project Directorate No. 4
 Division of BWR Licensing

FROM: Byron Siegel, Project Manager
 BWR Project Directorate No. 4
 Division of BWR Licensing

SUBJECT: SUMMARY OF CONFERENCE CALL WITH ILLINOIS POWER COMPANY
 RELATED TO JULY 9 SIMULATOR EXERCISE FOR NRR

A conference call between the NRC staff and Illinois Power Company (IP) was held on July 15, 1986 to discuss some of the staff observations related to the scenario's run on the simulator during the NRR Management Assessment Meeting on July 9, 1986. Those participating in the call are identified in Enclosure 1. Following is a summary of the staff's observations and IP's comments.

The staff observed that the background noise level in the simulator horseshoe area appeared to be high and could inhibit voice communication between the operators and the STA. IP stated that they were looking into the problem which was probably due to a 60 cycle hum in the overhead lighting.

The staff observed during the scenarios the SRO and STA primarily worked at the table in the horseshoe area that was approximately 18 feet from the RO at the P-680 panel. As a result it was difficult for the RO at this panel to interact with the remainder of the shift crew in analyzing the scenario. IP stated they were moving the table closer to the P-680 panel at the simulator on a trial basis so the RO at this panel would only have to turn around to be involved in the communications with the SRO and STA. In addition, the procedures books were put on a rolling cart so they could be moved to a convenient location when needed. If it is determined that an improvement in communication results, IP will likely change the arrangement in the control room.

The staff asked IP if the DCRDR included human factors considerations related to the interface between the operators and the control room. IP stated that both the DCRDR and the dynamic simulation of the SPDS evaluated this human factors aspect of the control room design. During these evaluations IP and their contractors did not encounter any of the problems seen during this exercise.

The staff asked IP for their assessment why the shift team had difficulty in determining what actions to take for the event which resulted in loss of high pressure injection systems. IP attributed this to nervousness on the part of the shift team due to the number and importance of the observers. R. Schaller stated they were in the right procedure and step within the

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procedure when the exercise was terminated. The lack of apparent interaction between the shift team was also attributed to their nervousness.

IP stated that to get deep within the EOPs, severe accident scenarios have to be utilized that go well beyond the design basis accidents. This type of training has been limited since they are concentrating on startup type training and design basis accidents (Chapter 15 events). However during requalification, the operators will get more training in severe accident scenerios that fully exercise EOP's.

The staff asked IP if they thought the EOP's were adequate to handle severe accident scenario's of the type developed for this simulator training exercise. IP stated that they used the most recently approved version of the EPG to develop the EOP's and to date had not encountered any problems with their adequacy in successfully terminating severe accident scenarios. IP also stated the training staff ran through the scenarios prior to the exercise to determine if there were any problems.

Following the conference call the staff informed the IP Washington representative, P. Telthorst, that we would like to send some observers when requalification training exercises on the EOPs is next performed. IP has stated this would be sometime after issuance of the low power license and that they would let us know the precise dates.

Original signed by

Byron Siegel, Project Manager
BWR Project Directorate No. 4
Division of BWR Licensing

Enclosure:
As stated

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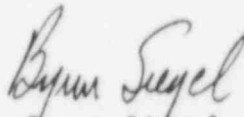
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Byron Siegel, Project Manager
BWR Project Directorate No. 4
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Enclosure:
As stated

Enclosure

Participants in July 15, 1986 Conference Call
with Illinois Power Company

Illinois Power

Frank Spangenberg
Richard Schaller
Pat Ryan
Joe Wembinger
Paul Telthorst
Terry Riley
Jeffrey Weaver

NRC

Gus Lainas
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