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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
 AUTH. NAME AUTHOR AFFILIATION
 MANGAN, C. V. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 ZWOLINSKI, J. A. BWR Project Directorate 1

SUBJECT: Clarifies util B60120 ltr re final design configuration for SPDS. Redundant narrow-range instrument will not be installed. Redundant wide-range water level transmitter for SPDS signal validation will be installed during 1988 outage.

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MEMORANDUM FOR THE DIRECTOR

RE: [Illegible]

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DATE	TIME	LOCATION	ACTIVITY	PERSONNEL	REMARKS
11/10/68	10:00	Room 1010	Meeting	Smith, Jones	Discussed progress of...
11/10/68	11:30	Room 1010	Meeting	Smith, Jones	Continuation of meeting...
11/10/68	14:00	Room 1010	Meeting	Smith, Jones	Final discussion...
11/10/68	17:00	Room 1010	Meeting	Smith, Jones	Summary of day's work...
11/11/68	09:00	Room 1010	Meeting	Smith, Jones	Review of reports...
11/11/68	11:00	Room 1010	Meeting	Smith, Jones	Discussion of new project...
11/11/68	13:00	Room 1010	Meeting	Smith, Jones	Administrative matters...
11/11/68	15:00	Room 1010	Meeting	Smith, Jones	Review of schedule...
11/11/68	17:00	Room 1010	Meeting	Smith, Jones	Final review...

October 21, 1986
NMP1L 0107

Director of Nuclear Reactor Regulation
Attention: Mr. John A. Zwolinski, Project Director
BWR Project Directorate Number 1
Division of BWR Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Dear Mr. Zwolinski:

In our letter of January 20, 1986 concerning the final design configuration for the Nine Mile Point Unit 1 Safety Parameter Display System (SPDS), we indicated that three new redundant signals were to be added to the SPDS to validate existing corresponding signals. The three signals to be added were narrow range torus water level, containment activity monitor (CAM), and wide range reactor pressure vessel water level. We have now essentially completed the conceptual engineering designs for these inputs and wish to clarify our position.

We have determined that the best way to validate the narrow range torus water level signal is to use the signals from the two wide range torus water level instruments. Since the same parameter is being measured, we believe that this method meets our design commitments. Therefore, we are not planning to install a redundant narrow range instrument.

Originally we had intended to install a second CAM on the existing CAM sample lines. However, in order to provide a reliable redundant signal for validation of the CAM, we have determined that a completely separate redundant CAM would be required. This would entail making connections to two new/spare penetrations, two isolation valves on each line and the associated controls. Since a redundant CAM is not required for normal operation, the CAM does not perform any safety function, this signal is not used for the primary overview display, and since no operator actions in the Emergency Operating Procedures are based on CAM readings, Niagara Mohawk does not believe a redundant CAM is necessary just for validation of the existing SPDS signal. Therefore, we do not intend to install a redundant CAM. We believe that the redundant drywell radiation monitors provide the SPDS with a reliable indication of the radiation environment in the drywell.

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Mr. John A. Zwolinski
October 21, 1986
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We are currently pursuing a software modification to compensate the existing wide range reactor vessel water level signal for changes in reactor pressure. In addition, we are planning to install a redundant wide range water level transmitter for SPDS signal validation during the 1988 Refueling and Maintenance Outage.

Very truly yours,


C. V. Mangan

Senior Vice President

KBT:svm
72911



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