



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

July 15, 1988

MEMORANDUM FOR: Sholly Coordinator

FROM: Daniel R. Muller, Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

SUBJECT: REQUEST FOR PUBLICATION IN BI-WEEKLY FR NOTICE - NOTICE
OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS
CONSIDERATION DETERMINATION AND OPPORTUNITY FOR A HEARING
(TAC NO. 67163)

Illinois Power Company, Soyland Power Cooperative, Inc., Western Illinois
Power Cooperative, Inc., Docket No. 50-461, Clinton Power Station, Unit No. 1,
DeWitt County, Illinois

Date of amendment request: February 5, 1988

Description of amendment request: This proposed amendment would revise the trip setpoint, allowable value and instrument-zero point specified for the suppression pool water level instrument associated with Technical Specification Tables 3.3.3-2 and 3.3.5-2. The proposed change only electronically affects the instrument loop indication and does not change the design basis for the trip function. Therefore, the actual suppression pool level (in terms of elevation) at which the trip function should occur will remain unchanged.

Initial performance of the plant calibration procedure revealed that, due to an error in the installation design, the desired calibration range for the noted instrument loop did not properly correspond to the calibration range of the installed transmitters. The effect of this was that the values indicated

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in inches (water column) by the analog trip module (ATM) for the Trip Setpoint and Allowable Value did not match the values specified in inches (water column) in the Technical Specifications. The licensees decided that the problem could be remedied without relocating the sensor by redesignating the instrument-zero point and correspondingly respecifying the associated Trip Setpoint and Allowable Value. The instrument would still continue to operate satisfactorily for the minimum range of water level (elevation) required. The effect of redesignating the instrument-zero point is to shift the ATM-indicated water level values by 15 inches. The Technical Specification thus needs to be changed to reflect the ATM-indicated values. That is, under the revised Technical Specification, the ATM-indicated values for the Trip Setpoint and Allowable Value would match the values indicated by the Technical Specification Table.

Basis for Proposed No Significant Hazards Consideration Determination: The staff has evaluated this proposed amendment and determined that it involves no significant hazards considerations. According to 10 CFR 50.92(c), a proposed amendment to an operating license involves no significant hazards considerations if operation of the facility in accordance with the amendment would not:

- (1) Involve a significant increase in the probability or consequences of an accident previously evaluated; or
- (2) Create the possibility of a new or different kind of accident from any accident previously evaluated; or

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(3) Involve a significant reduction in a margin safety.

The proposed amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated because the proposed changes do not change the actual level (in terms of elevation) at which the affected instrument is designed to trip. Thus, the analytical basis from which the Trip Setpoint and Allowable Value were determined remains unchanged.

The proposed changes do not create the possibility of a new or different kind of accident from any previously evaluated because no changes to plant operation or changes to the design function of the instrument are proposed.

The proposed changes do not involve a significant reduction in a margin of safety because they do not alter the relationship between the Trip Setpoint, Allowable Value, instrument-zero point and analytical limit. The design basis of the Trip Setpoint is unchanged. The proposed change to the Technical Specification reflects a change to the instrument loop that will more closely match the sensor range to the range indicated by the trip unit thus enhancing satisfactory operation of the instrument loop and satisfactory performance of the instrument loop calibration.

For the reasons stated above, the staff believes this proposed amendment involves no significant hazards considerations.

Local Public Document Room location: Vespasian Warner Public Library, 120 West Johnson Street, Clinton, Illinois 61727

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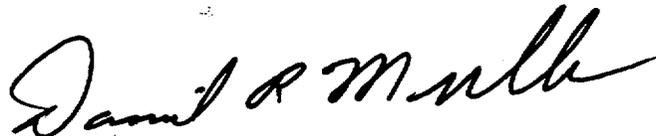
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Attorney for licensee: Sheldon Zabel, Esq., Schiff, Hardin and Waite, 7200

Sears Tower, 233 Wacker Drive, Chicago, Illinois 60606

NRC Project Director: Daniel R. Muller

A handwritten signature in black ink, appearing to read "Daniel R. Muller". The signature is written in a cursive, flowing style.

Daniel R. Muller, Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

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Attorney for licensee: Sheldon Zabel, Esq., Schiff, Hardin and Waite, 7200
Sears Tower, 233 Wacker Drive, Chicago, Illinois 60606
NRC Project Director: Daniel R. Muller

Daniel R. Muller, Director
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