



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
December 1, 1988

MEMORANDUM FOR: Sholly Coordinator

FROM: Janice A. Stevens, Project Manager
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 69550)

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: May 18, 1988

Description of amendment request: This proposed amendment would revise
Technical Specification Section 4.1.3.3.b.1.b to change the setpoint
requirements for the control rod scram accumulator low pressure alarm from
1520 +30, -0 psig to greater than or equal to 1520 psig. This change is
proposed by the licensees because the upper limit imposed on the setpoint is
viewed as an unnecessary restriction due to the fact that a setpoint of
greater than or equal to 1520 psig is conservative. Any setpoint above the
minimum setpoint of 1520 psig is conservative with respect to alarming upon a
low pressure condition; therefore it is inappropriate to impose an upper limit
in the Technical Specifications for the alarm setpoint. Removing the upper
limit currently specified in the Technical Specifications is consistent with
the recommendations prescribed in General Electric Service Information Letter
No. 429.

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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 consideration 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
- (3) Involve a significant reduction in a margin of safety.

The proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated because the HCU accumulator pressure switch setpoints would be acceptable only if the as-found values were greater than or equal to the minimum value established from a safety standpoint. The proposed change is consistent with instrument characteristics and in accordance with vendor recommendations. The proposed change does not involve a change to the minimum required scram accumulator pressure itself. In addition, the pressure check required at least once per seven days by the current Technical Specification will not be affected by the proposed change and will continue to be performed as required.

Due to its limited scope, the proposed change does not create the possibility of a new or different kind of accident from any previously evaluated. The impact of the proposed change is limited only to its potential impact on accumulator operability and therefore scram capability. This impact is described above.

The proposed change does not involve a significant reduction in a margin

of safety because the proposed change does not change the minimum acceptable accumulator pressure setpoint. Higher setpoints are conservative as there is no basis to impose an upper limit. The proposed change will not impact the minimum accumulator pressure required to ensure sufficient energy for a reactor scram under any reactor pressure conditions. The original basis for establishing a minimum accumulator pressure setpoint remains unchanged.

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

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

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

Janice A. Stevens

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