

March 19, 1990

Docket No. 50-461

Mr. Frank A. Spangenberg:
Manager - Licensing & Safety
Clinton Power Station
Post Office Box 678
Mail Code V920
Clinton, Illinois 61727

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Dear Mr. Spangenberg:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT - TECHNICAL SPECIFICATION CHANGE TO WAIVE OPERABILITY REQUIREMENT FOR CONTAINMENT ISOLATION VALVE POSITION INDICATION WHEN VALVE IS DEACTIVATED AND LOCKED CLOSED FOR CLINTON POWER STATION, UNIT 1

Pursuant to 10 CFR 51.119, the Commission has requested the Office of the Federal Register to publish the enclosed "Environmental Assessment and Finding of No Significant Impact." This notice is in regard to your request dated February 5, 1988 for changes to the Technical Specifications to allow inoperability of primary containment isolation valve position indication when the valve/valve operator is electrically deactivated in the isolated position.

Sincerely,

/s/

John B. Hickman, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosure:
As stated

cc w/enclosure:
See next page

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LLuther
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PDIII-2:PM
JHickman:ta
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

March 19, 1990

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Manager - Licensing & Safety
Clinton Power Station
Post Office Box 678
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Clinton, Illinois 61727

Dear Mr. Spangenberg:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT -
TECHNICAL SPECIFICATION CHANGE TO WAIVE OPERABILITY REQUIREMENT FOR
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Sincerely,

A handwritten signature in black ink, appearing to read "John B. Hickman".

John B. Hickman, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosure:
As stated

cc w/enclosure:
See next page

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Clinton Power Station
Unit 1

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DeWitt County Courthouse
Clinton, Illinois 61727

UNITED STATES NUCLEAR REGULATORY COMMISSIONILLINOIS POWER COMPANY, ET AL.DOCKET NO. 50-461ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to the Illinois Power Company (IP), and Soyland Power Cooperative, Inc. (the licensees) for the Clinton Power Station, Unit 1, located in DeWitt County, Illinois.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The licensees have requested an amendment that would revise Technical Specification Table 3.3.7.5-1 to allow inoperability of primary containment isolation valve position indication when the valve/valve operator is electrically deactivated in the isolated position.

This revision to the Clinton Power Station's license would be made in response to the licensee's application for amendment dated February 5, 1988.

The Need for the Proposed Action:

Pursuant to 10 CFR 50.50, IP, et al. have proposed an amendment to Facility Operating License No. NPF-62 which consists of changes to the Technical Specifications. Technical Specification Section 3.6.4 allows the deactivation of a Containment Isolation Valve in the isolated position as one method of providing acceptable containment isolation for a given penetration. When this action is taken and a motor-operated CIV is electronically deactivated, its breaker is usually switched to the "OFF" position. Consequently, power is lost to the position indication circuit and all position indication in

the main control room is lost. However, Technical Specification Section 3.3.7.5 currently makes no provision for the loss of indication that occurs when the valve is electrically deactivated in the isolated position. The current ACTION requires a plant shutdown after 7 days if all position indication to a primary CIV is lost. The intent of Technical Specification 3.3.7.5, with regard to CIV position indication, is to ensure that indication is available to control room operators for assessing containment integrity. This intent can be satisfied if the affected valve(s) are placed in the isolated position prior to being deactivated and if appropriate administrative controls are in place to ensure that the control room operators can determine the valve's position if needed. Intermittent opening of these valves under administrative controls should also be allowed since such a provision is currently in Technical Specification 3.6.4.

Environmental Impacts of the Proposed Action:

The proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated because, under the provisions of the proposed change, the affected valve(s) will be in the isolated/conservative position (except as limitedly provided). With the proposed change, a means still exists that allows plant operators to know the position of an affected containment isolation valve(s). The proposed change is consistent with the provisions of Technical Specification 3.6.4, "Containment Isolation Valves."

The proposed change does not create the possibility of a new or different kind of accident from any accident previously evaluated because the proposed change introduces no new modes of operation with respect to existing

requirements and provisions contained in the Technical Specifications. The proposed change does not involve any changes to the plant's as-built design.

The proposed change does not involve a significant reduction in a margin of safety because this change does not reduce the capability of assessing containment isolation during accident conditions or when otherwise required.

The Commission has determined that potential radiological releases during normal operations, transients, and for accidents would not be increased. With regard to non-radiological impacts, the proposed amendment involves systems located entirely within the restricted area as defined in 10 CFR Part 20. They do not affect non-radiological plant effluents and have no other environmental impact. They do not affect non-radiological plant effluents and have no other environmental impact. Therefore, the staff also concludes that there are no significant non-radiological environmental impacts associated with the proposed amendment.

Accordingly, the Commission findings in the "Final Environmental Statement related to the operation of Clinton Power Station, Unit No. 1" dated May 1982 regarding radiological environmental impacts from the plant during normal operation or after accident conditions, are not adversely altered by this action. IP is committed to operate Clinton, Unit 1 in accordance with standards and regulations to maintain occupational exposure levels "as low as reasonably achievable."

The Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the Federal Register on May 27, 1988 (53 FR 19359). No request for hearing or petition for leave to intervene was filed following this notice.

Alternative to the Proposed Actions:

Since the Commission has concluded that there are no significant environmental effects that would result from the proposed action, any alternative with equal or greater environmental impact need not be evaluated.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and would result in reduced operational flexibility.

Alternative Use of Resources:

This action does not involve the use of resources not previously considered in the Nuclear Regulatory Commission's Final Environmental Statement for the Clinton Power Station, Unit 1, dated May 1982.

Agencies and Persons Consulted:

The NRC staff reviewed the licensees' request of February 5, 1988 and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT:

The Commission has determined not to prepare an environmental impact statement of the proposed license amendment.

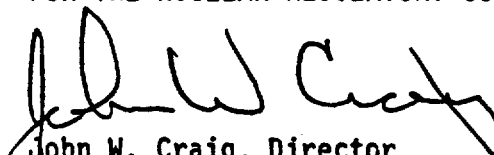
Based upon this environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the request for amendment dated February 5, 1988 and the Final Environmental Statement for the Clinton Power Station dated May 1982, which are available for public inspection at the Commission Public Document Room, 2120 L Street, N.W.,

Washington, D.C. 20555 and at the Vespasian Warner Public Library, 120 West Johnson Street, Clinton, Illinois 61727.

Dated at Rockville, Maryland this 19th day of March 1990.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "John W. Craig". The signature is written in a cursive style with a large initial "J" and "C".

John W. Craig, Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects