

January 22, 1991

Docket No. 50-461

Mr. Frank A. Spangenberg  
Licensing and Safety  
Clinton Power Station  
P. O. Box 678  
Mail Code V920  
Clinton, Illinois 61727

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Dear Mr. Spangenberg:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT AND PROPOSED  
NO SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION AND  
OPPORTUNITY FOR HEARING (TAC NO. 79378)

Enclosed is a "Notice of Consideration of Issuance of Amendment to  
Facility Operating License and Proposed No Significant Hazards Consideration  
Determination and Opportunity for Hearing" concerning your application for  
amendment dated January 18, 1991. This Notice was forwarded to the Office  
of the Federal Register for publication.

Sincerely,

original signed by

Anthony T. Gody, Jr., Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

DOCUMENT NAME: 79378 FRN

Office: LA/PDIII-3 *PKreutzer*  
Surname: PKreutzer  
Date: 1/28/91

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TGody/tg *AT*  
1/22/91

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PD/PDIII-3  
JHannon  
1/22/91

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See next page

DOCUMENT NAME: 79378 FRN

Office: LA/PDIII-3  
Surname: PKreutzer  
Date: 1/25/91

PM/PDIII-3  
TGody/tg  
Date: 1/22/91

PD/PDIII-3  
JHannon  
Date: 1/22/91

Mr. Frank A. Spangenberg  
Illinois Power Company

Clinton Power Station  
Unit No. 1

cc:

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Chairman of DeWitt County  
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DeWitt County Courthouse  
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Suite 11-300  
Chicago, Illinois 60601

UNITED STATES NUCLEAR REGULATORY COMMISSIONILLINOIS POWER COMPANY, ET. AL.CLINTON POWER STATION, UNIT NO. 1DOCKET NO. 50-461NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO  
FACILITY OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS  
CONSIDERATION DETERMINATION AND OPPORTUNITY FOR HEARING

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-62, issued to Illinois Power Company (IP) et. al. (the licensees), for operation of the Clinton Power Station, Unit No. 1 located in DeWitt County, Illinois.

The proposed amendment would consist primarily of an administrative change to the Clinton Power Station's (CPS's) Technical Specifications (TS's) to reflect an exemption to Appendix J of Title 10 of the Code of Federal Regulations, Part 50 (Appendix J) if approved by the Commission. The one time exemption to Appendix J would authorize plant operation for one cycle following the current refueling outage. NRC approval of this request would allow IP ample time to develop and implement a long term solution (which may involve a change to the current plant design) to air leakage problems in check valves 1B21-F032A and B.

The current exigent circumstances were unforeseeable due to the fact that prior to January 8, 1991, IP believed it was in full compliance with Appendix J and the CPS TS's. On January 8, 1991, the NRC staff informed IP that the CPS design did not have supporting analysis to allow check valves 1B21-F032A and B to be excluded from the maximum pathway leakage determination

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for the feedwater penetrations 1 MC-009 and 010. The exigent nature of this request is necessary due to the identification of this issue near the completion of the current CPS refueling outage and is required to be reviewed and approved by the staff prior to resumption of operation of CPS.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed 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 staff has evaluated the licensee's request and analysis of no significant hazards considerations and is providing an evaluation against each of the above criteria below:

- (1) The licensee has indicated that the three postulated accident analyses potentially impacted by the request are, (1) the feedwater line break outside containment, (2) the feedwater line break inside containment, and (3) the design basis accident recirculation line break. For all the postulated accident scenarios above, the licensee has indicated that the design of the feedwater system piping would provide adequate

assurance that an air leakage pathway from the containment to the environment would not exist. Additionally, the CPS feedwater penetrations have two additional containment isolation valves, 1B21-F010A/B and 1B21-F065A/B, which have demonstrated acceptable air leakage rates. Based mainly on the above information and the successful completion of an ASME Code water test of the 1B21-F032A and B check valves, it appears that this request would not result in an increase in the probability of occurrence of any event previously evaluated.

- (2) The licensee's request does not involve a change to the plant design. However, plant operation in accordance with the proposed exemption would constitute a change in plant operation relative to the testing requirements of the 1B21-F032A and B check valves. The licensee has determined that this change in plant operation has the potential to impact only the consequences of loss-of-coolant accidents previously discussed in Item 1 above. Based on the above discussion, it appears that leakage or failure of the 1B21-F032A and B check valves cannot alone create the possibility of a new or different kind of accident from any accident previously evaluated.
- (3) As discussed by the licensee, the only margin of safety that could potentially be impacted by the request is the margin concerning the offsite dose consequences of the postulated design basis loss of coolant accident. The licensee's analysis indicates that the capability to prevent containment atmosphere leakage to the environment is maintained by a combination of both satisfactory leak rate tests of two additional containment isolation valves, 1B21-F010A/B and 1B21-F065A/B, and the

presence of a water seal that would be in the feedwater piping. Based on the above analysis, it appears that the licensee's request would not result in a significant reduction in the margin of safety.

The NRC staff has reviewed the licensee's analysis and, based on this review, it appears that the three criteria are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

Accordingly, the Commission proposes to determine that this change does not involve a significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within fifteen (15) days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Written comments may be submitted by mail to the Regulatory Publications Branch, Division of Freedom of Information and Publications Services, Office of Administration, U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, and should cite the publication date and page number of this FEDERAL REGISTER notice.

Written comments may also be delivered to Room P-223, Phillips Building, 7920 Norfolk Avenue, Bethesda, Maryland, from 7:30 a.m. to 4:15 p.m. Copies of written comments received may be examined at the NRC Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. The filing of requests for hearing and petitions for leave to intervene is discussed below.

By February 25, 1991, the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written request for hearing and a petition for leave to intervene. Requests for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. Interested persons should consult a current copy of 10 CFR 2.714 which is available at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555 and at the Local Public Document Room located at Vespasian Warner Public Library, 120 West Johnson Street, Clinton, Illinois 61727. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition; and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of

the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first pre-hearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene, which must include a list of the contentions that are sought to be litigated in the matter. Each contention must consist of a specific statement of the issue of law or fact to be raised or controverted. In addition, the petitioner shall provide a brief explanation of the bases of the contention and a concise statement of the alleged facts or expert opinion which support the contention and on which the petitioner intends to rely in proving the contention at the hearing. The petitioner must also provide references to those specific sources and documents of which the petitioner is aware and on which the petitioner intends to rely to establish those facts or expert opinion. Petitioner must provide sufficient information to show that a genuine dispute exists with the applicant on a material issue of law or fact. Contentions shall be limited to matters within

the scope of the amendment under consideration. The contention must be one which, if proven, would entitle the petitioner to relief. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If the amendment is issued before the expiration of 30-days, the Commission will make a final determination on the issue of no significant hazards considerations. If a hearing is requested, the final determination will serve to decide when the hearing is held.

If the final determination is that the amendment request involves a no significant hazards consideration, the Commission may issue the amendment and make it effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

If the final determination is that the amendment request involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

Normally, the Commission will not issue the amendment until the expiration of the 15-day notice period. However, should circumstances change during the notice period, such that failure to act in a timely

way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 15-day notice period, provided that its final determination is that the amendment involves no significant hazards considerations. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish in the FEDERAL REGISTER a notice of issuance. The Commission expects that the need to take this action will occur very infrequently.

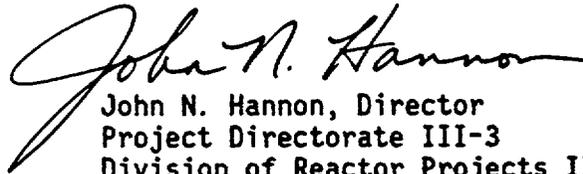
A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at 1 (800) 325-6000 (in Missouri 1 (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to John N. Hannon: petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of this FEDERAL REGISTER notice. A copy of the petition should also be sent to the Office of the General Counsel, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Sheldon Zabel, Esq., Schiff, Hardin and Waite, 7200 Sears Tower, 233 Walker Drive, Chicago, Illinois 60606, attorney for the licensees.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the presiding Atomic Safety and Licensing Board that the petition and/or request should be granted based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment dated January 18, 1991, which is available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555, and at the Local Public Document Room, Vespasian Warner Public Library, 120 West Johnson Street, Clinton, Illinois 61727.

Dated at Rockville, Maryland, this 22nd day of January, 1991.

FOR THE NUCLEAR REGULATORY COMMISSION



John N. Hannon, Director  
Project Directorate III-3  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation