

June 23, 1993

Docket No. 50-461

Mr. Richard F. Phares
Director - Licensing
Clinton Power Station
Post Office Box 678
Mail Code V920
Clinton, Illinois 61727

Dear Mr. Phares:

SUBJECT: CLINTON POWER STATION, UNIT NO. 1 - ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT (TAC NOS. M77615 AND M81393)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated October 30, 1987 (U-601048) for amendment to the Clinton Technical Specifications. The application modifies the CHANNEL FUNCTIONAL TEST requirements for the Low and High Power Setpoint associated with the Rod Pattern Control System in Table 4.3.6-1 of the Clinton Power Station Technical Specifications.

This assessment has been forwarded to the Office of Federal Register for publication.

Sincerely,

Original Signed By:

Douglas V. Pickett, Senior Project Manager
Project Directorate III-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

DISTRIBUTION

Docket File
JZwolinski
OGC
BClayton, RIII

NRC & Local PDRs
JDyer
EJordan

PDIII-2 r/f
DPickett
ACRS(10)

JRoe
CMoore
OPA

CMoore
LA/PDIII-2
JDyer
6/23/93

JVR
PM/PDIII-2
DPickett:rc
6/17/93

[Signature]
D/PDIII-2
JDyer
6/23/93

[Signature]
OGC
R Bachmann
6/11/93
Subject to insertion of
reference to 1988 FR
Notice and no petitions
received - *[Signature]*

[Signature]
111

9306280255 930623
PDR ADOCK 05000461
P PDR

June 23, 1993

Docket No. 50-461

Mr. Richard F. Phares
Director - Licensing
Clinton Power Station
Post Office Box 678
Mail Code V920
Clinton, Illinois 61727

Dear Mr. Phares:

SUBJECT: CLINTON POWER STATION, UNIT NO. 1 - ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT (TAC NOS. M77615 AND M81393)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated October 30, 1987 (U-601048) for amendment to the Clinton Technical Specifications. The application modifies the CHANNEL FUNCTIONAL TEST requirements for the Low and High Power Setpoint associated with the Rod Pattern Control System in Table 4.3.6-1 of the Clinton Power Station Technical Specifications.

This assessment has been forwarded to the Office of Federal Register for publication.

Sincerely,

Original Signed By:

Douglas V. Pickett, Senior Project Manager
Project Directorate III-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

DISTRIBUTION

Docket File
JZwolinski
OGC
BClayton, RIII

NRC & Local PDRs
JDyer
EJordan

PDIII-2 r/f
DPickett
ACRS(10)

JRoe
CMoore
OPA

LA
LAV/DPDIII-2
CMoore
6/23/93

DVP
PM/PDIII-2
DPickett:rc
6/17/93

D/PDIII-2
JDyer
6/17/93

OGC *EB*
R Bachmann
6/11/93
Subject to insertion of
reference to 1988 FR
Notice and no petitions
received - *EB*

Mr. Richard F. Phares
Illinois Power Company

Clinton Power Station
Unit No. 1

cc:

Mr. J. S. Perry
Vice President
Clinton Power Station
Post Office Box 678
Clinton, Illinois 61727

Illinois Department
of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Mr. J. A. Miller
Manager Nuclear Station
Engineering Department
Clinton Power Station
Post Office Box 678
Clinton, Illinois 61727

Mr. Donald Schopfer
Project Manager
Sargent & Lundy Engineers
55 East Monroe Street
Chicago, Illinois 60603

Sheldon Zabel, Esquire
Schiff, Hardin & Waite
7200 Sears Tower
233 Wacker Drive
Chicago, Illinois 60606

Resident Inspector
U.S. Nuclear Regulatory Commission
RR#3, Box 229 A
Clinton, Illinois 61727

Ms. K. K. Berry
Licensing Services Manager
General Electric Company
175 Curtner Avenue, M/C 382
San Jose, California 95125

Regional Administrator, Region III
799 Roosevelt Road, Building 4
Glen Ellyn, Illinois 60137

Chairman of DeWitt County
c/o County Clerk's Office
DeWitt County Courthouse
Clinton, Illinois 61727

Mr. Robert Neumann
Office of Public Counsel
State of Illinois Center
100 W. Randolph, Suite 11-300
Chicago, Illinois 60601

UNITED STATES NUCLEAR REGULATORY COMMISSIONILLINOIS POWER COMPANY, ET AL.CLINTON POWER STATION, UNIT 1ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-62, issued to the Illinois Power Company, and the Soyland Power Cooperative, Inc. (the licensee), for operation of the Clinton Power Station (CPS), Unit 1, located in Dewitt County, Illinois.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action

The proposed changes would simplify the CHANNEL FUNCTIONAL TEST requirements for the Low and High Power Setpoint (turbine first-stage pressure channels) associated with the Rod Pattern Control System (RPCS) in Table 4.3.6-1 of the CPS Technical Specifications (TS) and are consistent with the staff's Improved Standard Technical Specifications for BWR/6 facilities.

Specifically, the proposed changes are:

- (1) Note (b) is associated with startup testing requirements and currently states that the channel functional tests shall be performed "Within 24 hours prior to startup, if not performed within the previous 7 days." Note (b) is being clarified to read, "Within 7 days prior to startup."
- (2) The daily channel functional test requirements and its associated Note (c) are being eliminated. The rod pattern controller would be adequately tested in accordance with CPS Technical Specification 4.1.4.2.
- (3) Note (d) is associated with monthly testing requirements and currently states, "At least once per 31 days while operation continues within a given

power range above the RPCS low power setpoint." Note (d) is being eliminated to simplify monthly testing requirements.

(4) Note (e) is associated with both monthly and startup testing requirements and currently states, "Includes reactor manual control multiplexing system input." Note (e) is being eliminated because it is a carry-over from earlier versions of the BWR standard technical specifications and it will simplify monthly and startup testing. The RPCS for CPS automatically performs testing that satisfies the intent of note (e).

The proposed action is in accordance with the licensee's application for amendment dated October 30, 1987.

The Need for the Proposed Action

The proposed action is needed in order to clarify the existing TS and to make the CPS Technical Specifications consistent with the staff's Improved Standard TS for BWR/6 facilities.

Environmental Impacts of the Proposed Action

The proposed revision changes the surveillance requirements of the CHANNEL FUNCTIONAL TESTS and will not increase the types or amounts of effluents that may be released offsite, nor increase individual or cumulative occupational radiation exposures. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed amendment.

With regard to potential nonradiological impacts, the proposed changes do not affect nonradiological effluents, and have no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed amendment.

The Commission has previously had published in the Federal Register a Notice of Consideration of Issuance of Amendment to Facility Operating License and Opportunity for Prior Hearing (53 FR 4477). The Commission did not receive any requests for a hearing.

Alternative to the Proposed Action

As an alternative to the proposed action, the staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources

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

Agencies and Persons Consulted

The staff consulted with the State of Illinois regarding the environmental impact of the proposed action.

FINDING OF NO SIGNIFICANT IMPACT

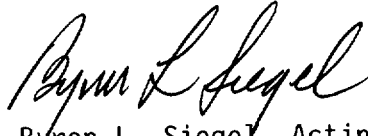
The Commission has determined not to prepare an environmental impact statement for the proposed changes to the CPS TS. Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated October 30, 1987, which is available for public inspection at the Commission's Public Document room, 2120 L Street, NW., Washington, DC and

at the Vespasian Warner Public Library, 120 West Johnson Street, Clinton,
Illinois 61727.

Dated at Rockville, Maryland, this 23rd day of June 1993.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Byron L. Siegel".

Byron L. Siegel, Acting Director
Project Directorate III-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation