

December 29, 1988

Docket No.: 50-461

Mr. Dale L. Holtzscher
Acting Manager - Licensing and Safety
Clinton Power Station
P. O. Box 678
Mail Code V920
Clinton, Illinois 61727

DISTRIBUTION

Docket file	BGrimes
NRC & Local PDRs	TMeek(4)
PDIII-2 r/f	EButcher
GHolahan	MVirgilio
LLuther	JStevens
DMuller	ARM/LFMB
DHagan	ACRS (10)
GPA/PA	EJordan
WJones	Plant file
OGC	

Dear Mr. Holtzscher:

SUBJECT: TECHNICAL SPECIFICATION CHANGE REQUEST TO CLARIFY EXISTING REQUIREMENTS CONCERNING RADIATION MONITORING INSTRUMENTATION (TAC NO. 69553)

Re: Clinton Power Station, Unit No. 1

The Commission has issued the enclosed Amendment No. 16 to the Facility Operating License No. NPF-62 for the Clinton Power Station, Unit No. 1. This amendment consists of changes to the Technical Specifications (TSs) in response to your application dated October 30, 1987.

This amendment revises Technical Specification Table 3.3.7.1-1 in order to clarify parts "a" and "b" of Action 70 concerning radiation monitoring instrumentation.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Janice A. Stevens, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosures:

1. Amendment No. 16 to License No. NPF-62
2. Safety Evaluation

cc w/enclosures:
See next page

PDIII-2 *gas*
JStevens: km
12/13/88

PDIII-2 *LL*
LLuther
12/14/88

OGC-Rockville
OGC
12/21/88

PDIII-2 *DM*
DMuller
12/14/88

OF01
1/1

AS
12/29/88

~~8901100046~~
(exact copy)



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

December 29, 1988

Docket No.: 50-461

Mr. Dale L. Holtzscher
Acting Manager - Licensing and Safety
Clinton Power Station
P. O. Box 678
Mail Code V920
Clinton, Illinois 61727

Dear Mr. Holtzscher:

SUBJECT: TECHNICAL SPECIFICATION CHANGE REQUEST TO CLARIFY EXISTING
REQUIREMENTS CONCERNING RADIATION MONITORING INSTRUMENTATION
(TAC NO. 69553)

Re: Clinton Power Station, Unit No. 1

The Commission has issued the enclosed Amendment No. 16 to the Facility Operating License No. NPF-62 for the Clinton Power Station, Unit No. 1. This amendment consists of changes to the Technical Specifications (TSs) in response to your application dated October 30, 1987.

This amendment revises Technical Specification Table 3.3.7.1-1 in order to clarify parts "a" and "b" of Action 70 concerning radiation monitoring instrumentation.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

A handwritten signature in cursive script that reads "Janice A. Stevens".

Janice A. Stevens, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosures:

1. Amendment No. 16 to License No. NPF-62
2. Safety Evaluation

cc w/enclosures:
See next page

Mr. Dale L. Holtzscher
Illinois Power Company

Clinton Power Station
Unit 1

cc:

Mr. D. P. Hall
Vice President
Clinton Power Station
P. O. Box 678
Clinton, Illinois, 61727

Mr. R. D. Freeman
Manager-Nuclear Station Engineering Dept.
Clinton Power Station
P. O. Box 678
Clinton, Illinois 61727

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

Mr. L. Larson
Project Manager
General Electric Company
175 Curtner Avenue, N/C 395
San Jose, California 95125

Regional Administrator, Region III
799 Roosevelt Road, Bldg. #4
Glen Ellyn, Illinois 60137

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

Illinois Department
of Nuclear Safety
Division of Engineering
1035 Outer Park Drive, 5th Floor
Springfield, Illinois 62704

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



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

ILLINOIS POWER COMPANY, ET AL.

DOCKET NO. 50-461

CLINTON POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 16
License No. NPF-62

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Illinois Power Company* (IP), Soyland Power Cooperative, Inc., and Western Illinois Power Cooperative, Inc. (the licensees) dated October 30, 1987 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-62 is hereby amended to read as follows:

*Illinois Power Company is authorized to act as agent for Soyland Power Cooperative, Inc. and Western Illinois Power Cooperative, Inc. and has exclusive responsibility and control over the physical construction, operation and maintenance of the facility.

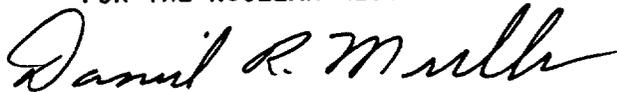
~~8901100050~~

Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 16, are hereby incorporated into this license. Illinois Power Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: December 29, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 16

FACILITY OPERATING LICENSE NO. NPF-62

DOCKET NO. 50-461

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change.

Remove

3/4 3-72

Insert

3/4 3-72

TABLE 3.3.7.1-1 (Continued)
RADIATION MONITORING INSTRUMENTATION

TABLE NOTATIONS

- * When irradiated fuel is being handled in the secondary containment.
- ** Alarm only.
- *** During operation of the main condenser air ejector.
- # With fuel in the new fuel storage vault.
- ## With irradiated fuel in the spent fuel storage pool.
- † Reactivity concentration expected at the monitor location is a noble gas mix with a 2.9 minute decay.
- †† Radioactivity concentration expected at the monitor location is a noble gas mix released from the off-gas treatment system.
- (a) A channel may be placed in an inoperable status for up to 6 hours for required surveillance without placing the trip system in the tripped condition provided at least one other OPERABLE channel in the same trip system is monitoring that parameter.
- (b) Channel OPERABILITY shall include the capability of either the Main Control Room Central Control Terminal (MCR-CCT) or the Radiation Protection Office Central Control Terminal (RP-CCT) to provide the alarm status of the applicable radiation monitor channel(s).

ACTION

- ACTION 70 -
 - a. With one of the required monitors inoperable, place the inoperable channel in the tripped condition within 1 hour; restore the inoperable channel to OPERABLE status within 7 days, or, within the next 6 hours, initiate and maintain operation of the control room emergency filtration system in the high radiation mode of operation.
 - b. With both of the required monitors inoperable, initiate and maintain operation of the control room emergency filtration system in the high radiation mode of operation within 1 hour.
- ACTION 71 - With the required monitor inoperable, perform area surveys of the monitored area with portable monitoring instrumentation at least once per 24 hours.
- ACTION 72 -
 - a. With both the MCR-CCT and RP-CCT inoperable,
 - 1. Perform a CHANNEL CHECK using local monitor indication within 8 hours and at least once per 8 hours thereafter, and
 - 2. Restore the MCR-CCT or RP-CCT to OPERABLE status for the applicable channel(s) within the next 30 days, and if unsuccessful, prepare and submit a Special Report pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the CCT failure or malfunction and the action taken to restore the inoperable equipment to OPERABLE status.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 16 TO FACILITY OPERATING LICENSE NO. NPF-62

CLINTON POWER STATION, UNIT NO. 1

ILLINOIS POWER COMPANY, ET AL.

DOCKET NO. 50-461

1.0 INTRODUCTION

In a letter dated October 30, 1987, Illinois Power Company, et al. (the licensees) submitted an application for a license amendment to change the Technical Specifications (TS) for the Clinton Power Station (CPS). The amendment request consists of a proposed revision to the wording in Action 70 on Page 3/4 3-72 of the CPS Technical Specifications. Action 70 specifies actions to be taken with one or both control room HVAC radiation monitors inoperable. The proposed change would substitute the term "tripped condition" for "(downscale) tripped condition" in Part "a" and "high radiation mode of operation" for "recirculation mode of operation" in Parts "a" and "b".

During the course of the review, the staff referenced Title 10 of the code of Federal Regulations - Chapter 1 and the Technical Specifications for the Clinton Power Station.

A Notice of Consideration of Issuance of Amendment to Facility Operating License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on January 27, 1988 (53 FR 2318). No requests for hearing and no public comments were received.

2.0 EVALUATION

The proposed amendment to Part "a" of Action 70 which deletes the term "(downscale)" would permit the licensees to select the most expeditious means of tripping an inoperable radiation monitor channel. The staff has reviewed this change and concurs that there is no adverse impact on safety. This change is therefore acceptable.

The proposed amendment to Parts "a" and "b" of Action 70 which changes the term "recirculation mode" to "high radiation mode" would clarify the intent of the action statement. There is more than one type of recirculation mode for the control room HVAC system. This change would clarify that it is the high radiation mode of recirculation that is intended. The staff has reviewed this change and concurs that there is no adverse impact on safety. This change is therefore acceptable.

~~890110052~~

3. ENVIRONMENTAL CONSIDERATION

The amendment relates to the changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Section 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

4. CONCLUSION

The staff has concluded, based on the considerations discussed above that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or the health and safety of the public.

Principal Contributor: R. A. Hasse, Region III

Dated: December 29, 1988