U-601181
L47-88(05-18)-LP
1A.120

ILLINOIS POWER COMPANY

CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

DPH-0454-88
May 18, 1988

10CFR50.90

Docket No. 50-461

Document Control Desk
Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Clinton Power Station
Proposed Amendment to Facility
Operating License NPF-62

Dear Sir:

Pursuant to 10CFR50.90, Illinois Power Company (IP) hereby applies for an amendment of Facility Operating License NPF-62 Clinton Power Station (CPS). In accordance with 10CFR50.30, one signed original of this application is enclosed. In addition, according to the requirements of 10CFR50.91(b)(1), a copy of this request for amendment has been sent to the Illinois Department of Nuclear Safety as indicated below.

This request for amendment consists of five separate changes to the Technical Specifications. A description and justification for each change, including a basis for no significant hazards consideration, is provided in Attachment 2 to this letter. An affidavit supporting the facts set forth herein accompanies this letter.

In accordance with the provisions of 10CFR170.12 and 170.21, IP is enclosing a check made out to the U.S. Nuclear Regulatory Commission in the amount of $150.00 as payment of the application fee for this amendment.

A001 w/check $150 #108954

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IP has reviewed the proposed Technical Specification changes against the criteria of 10CFR51.22 for the environmental considerations. The proposed changes do not involve a significant hazards consideration, significantly increase the types and amounts of effluents that may be released outside, or significantly increase individual or cumulative occupational radiation exposures. Based on the foregoing, IP concludes that the proposed Technical Specification changes meet the criteria given in 10CFR51.22(c)(9) for a categorical exclusion from the requirement for an Environmental Impact Statement.

Sincerely yours,

D. P. Hall
Vice President

KBR/krm

Attachments

cc: NRC Resident Office
NRC Region III, Regional Administrator
NRC Clinton Licensing Project Manager
Illinois Department of Nuclear Safety

Attachment 1
to U-601181

STATE OF ILLINOIS

COUNTY OF DEWITT

DONALD P. HALL, Being first duly sworn, deposes and says: That he is Vice President of Illinois Power Company; that the provided information has been prepared under his supervision and direction; that he knows the contents thereof; and that to the best of his knowledge and belief said request and the facts contained therein are true and correct.

DATED: This 18th day of May 1988

Signed: D Hall
Donald P. Hall

Subscribed and sworn to before me this 18th day of May 1988.

Debora L. Bean
Notary Public

My commission expires:

"OFFICIAL SEAL"
Debora L. Bean
Notary Public, State of Illinois
My Commission Expires 10/1/90

Summary of Proposed Changes

Package No.	Starts on Page No.	Summary
1	2	Table 3.3.2-1, item 2.h: Add a note providing additional information regarding the sensor/channel configuration for the Main Steam Line Turbine Building Temperature - High trip channel.
2	6	4.1.3.3.b.1.b: Revise setpoint requirements for control rod scram accumulator low pressure alarm from 1520 +30, -0 psig to greater than or equal to 1520 psig.
3	9	3/4.3.7.8: Add contingency to note that removal of all chlorine on site allows removal of the chlorine detection system.
4	15	Table 3.3.7.5-1: Revise ACTION statements associated with H_2/O_2 monitor to be consistent with Generic Letter 83-36.
5	20	Table 4.11.2-1, Note c: Revise note to include conditions under which the sampling is not required. (These conditional exceptions are currently only specified in note "g" but they should also apply to note "c".)

PACKAGE NUMBER 1

Description and Justification of Proposed Change

Illinois Power is requesting a change to Technical Specification Table 3.3.2-1 to add a note applicable to item 2.h. The note will provide additional information regarding the channel configuration for the Main Steam Line (MSL) Turbine Building Temperature - High trip channels which provide for automatic isolation of the main steam lines.

The MSL Turbine Building Temperature sensors are arranged such that five areas are monitored with four temperature sensors in each area. Each of the four temperature sensors in a particular area is associated with a separate division. (The "A" sensor is associated with Division I, the "B" sensor is associated with Division II, the "C" sensor is associated with Division III, and the "D" sensor is associated with Division IV.) Each sensor (thermocouple) provides a signal to a temperature module (trip unit). The relay contacts associated with the temperature modules within a particular division are connected in series. Thus, there are four divisional strings (channels) of temperature modules with five temperature modules in each string (channel). If any temperature module is tripped within a channel, then a trip occurs for that division. A channel is considered inoperable if one or more temperature modules and/or sensors within that channel is inoperable (although in most cases, a temperature module will fail "open" such that a trip condition results). Each channel provides input into each of four two-out-of-four logics. It therefore requires a trip from at least two divisions (i.e., channels) to initiate a main steam line isolation (MSIV closure).

The ACTIONs and OPERABILITY requirements for the MSI isolation instrumentation of Specification 3.3.2 are structured in accordance with the any-two-from-four sensor logic scheme. Thus, four channels are assumed and each channel is associated with one of four divisions. Since there are 20 sensors associated with the Main Steam Line Turbine Building trip system, a note to Table 3.3.2-1 is proposed to reconcile this configuration with the four-channel format. The proposed note reads as follows:

> Each channel consists of five temperature modules and their associated sensors. A channel is OPERABLE if and only if five temperature modules and their associated sensors are OPERABLE.

This note will clarify the OPERABILITY requirements for the Main Steam Line Turbine Building Temperature channels thus eliminating any confusion regarding compliance with the Limiting Condition for Operation and the associated ACTIONs. The intent of the existing Technical Specification would remain unchanged.

Basis For No Significant Hazards Consideration

According to 10CFR50.92, a proposed change to the license (Technical Specifications) involves no significant hazards consideration if operation of the facility in accordance with the proposed change would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated, (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.

(1) The proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated because the proposed change is only a textual clarification to the operability requirements currently specified in the Technical Specifications for the Main Steam Line Turbine Building Temperature - High trip channels and does not impact the main steam line isolation trip function.

(2) The proposed change does not create the possibility of a new or different kind of accident from any previously evaluated because the proposed change will not create any new modes of operation or new failure modes and does not impact plant design.

(3) The proposed change does not involve a significant reduction in a margin of safety since the change does not involve any changes to setpoints or limits associated with any margin of safety assumed or required by a safety analysis.