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ILLINOIS POWER COMPANY



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

Decatur 20, 1985

Docket No. 50-461

Director of Nuclear Reactor Regulation
Attention: Mr. W. R. Butler, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Clinton Power Station
Automatic Depressurization System (ADS)
Accumulator Low Pressure Alarm

Dear Mr. Butler:

In Illinois Power Company Letter U-0763, concerning qualification of ADS accumulators, dated November 19, 1984 the following information was given concerning the ADS accumulator low pressure alarm:

"Accumulator Low Pressure 140 psig
(Annunciated on P601 in Main
Control Room and is common for
all accumulators. The specific
accumulator that is alarming can
be identified via the plant
computer.)"

Clinton Power Station (CPS) does include a common annunciator capable of indicating a low pressure condition (≤ 140 psig) existing in the ADS accumulators. However, Illinois Power Company does not currently intend to incorporate features that allow the specific accumulator that is alarming to be identified via the plant computer into the CPS design.

The justification for this change in stated design is as follows:

1. The plant operators are still capable of determining if a degraded accumulator pressure condition exists through the common ADS accumulator low pressure alarm.
2. The specific accumulator or accumulators that are causing the alarm can be identified through other means than through use of the plant computer. A portable voltmeter can be attached to terminals within Panel 1H13-P744B in the control room to determine whether the pressure switch associated with a given accumulator is open or closed. If the switch is open the accumulator pressure is acceptable. If the switch is closed accumulator pressure is low. The specific steps required to make this determination will be incorporated into annunciator procedure 5067.77 "Loss of Instr Air ADS Relief Vlvs."

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3. Lack of this design feature will not prevent proper implementation of the Clinton Power Station Technical Specifications because:
 - a. This feature is not used during normal Technical Specification Surveillances.
 - b. If the common ADS Accumulator Low Pressure Annunciator should alarm, the appropriate Technical Specification Action Step (see Technical Specification 3.5.1 Action e), which depends upon the number of ADS valves inoperable, can be determined and implemented by use of a portable voltmeter. (See item #2.)

This letter has been provided to modify our docketed description of this low pressure alarm. Following your review of this letter, if you have any questions on this issue please contact me.

Sincerely yours,

F. A. Spangenberg

F. A. Spangenberg
Manager - Licensing
and Safety

AJH/kaf

cc: B. L. Siegel, NRC Clinton Licensing Project Manager
NRC Resident Office
Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety