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L30- 85(06-19)-L
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ILLINOIS POWER COMPANY



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

Docket No. 50-461

June 19, 1985

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, Unit #1
Safety-Relief Valve Surveillance Program

Dear Mr. Butler:

The NRC Safety Evaluation Report (SER) for Clinton Power Station (CPS) NUREG-0853 dated February 1982, contains a requirement by the NRC Staff for Illinois Power Company (IPC) to participate in a safety-relief valve (SRV) surveillance program. This requirement was made to establish data on the Dikkers pressure relief valves, including all abnormalities ranging from minor wear observed during normal inspection to complete failures, including failure to open or close and inadvertent operation.

IPC letter U-0343 dated December 3, 1981, incorporated the Licensing Review Group II BWR (LRG-II) position paper on generic issue 3-RSB into the CPS Operating License application. The position is to participate in a safety relief valve surveillance program, the primary objective of which is to gather data to identify generic SRV problems. The Institute for Nuclear Power Operations (INPO) was requested to accept responsibility for centralized compilation of the required data. Subsequently, this LRG-II issue was closed via NRC letter dated August 17, 1982 (copy attached) and the Perry SER NUREG-0887, Section 5.2.3.

The participation by IPC in this surveillance program has been instituted at CPS by Operating Procedure CPS No. 10P3831.01N, "Safety Relief Valve Report." Reporting of SRV leakage events and actuation events are performed on a quarterly basis. "Leakage events" are defined to include no leakage comments and "actuation events" include an event requiring an SRV to lift. An SRV failing to lift when required is also considered and reported as an actuation event.

Other CPS procedures will be followed to detect abnormalities in valve condition, including occasions of minor wear to occasions of complete failure. These procedures include:

CPS No. 8216.01 "SRV Maintenance and Repair"
CPS No. 8216.02 "SRV Removal and Installation"
CPS No. 9242.01 "SRV Surveillance Testing"
CPS No. 9242.02 "SRV Inplace Inspection"

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The accumulated information on CPS SRVs will be reported to INPO and become part of the data base for these valves that is contributed to by other participants in the program. This information is then provided by INPO in their annual reports on the SRV Surveillance Program.

Illinois Power Company considers the information contained herein complete and adequate confirmation for use by the NRC Staff to close this issue.

Sincerely yours,

D. W. Wilson for

F. A. Spangenberg
Director - Nuclear Licensing
and Configuration
Nuclear Station Engineering

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Attachment

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