

ILLINOIS POWER COMPANY



4250-L

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

May 2, 1983

Docket No. 50-461

Mr. James G. Keppler
Regional Administrator
U. S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Stop Work Order No. 10 - Drywell Refueling Bellows

Dear Mr. Keppler:

On February 26, 1982, Stop Work Order No. 10 was issued on the drywell refueling bellows to assure adequate nondestructive examination of the bellows and to assure procedural control over movement of the bellows. On April 7, 1982, the Deviation Report associated with inadequate procedural control over movement of the refueling bellows was closed as a result of revised job instructions. Reclassification of the refueling bellows as a non-safety component was accepted by representatives of Nuclear Reactor Regulation in a meeting on October 6, 1982. On December 2, 1982, the NRC concurred with a limited resumption of work on the refueling bellows to perform additional nondestructive examination. On January 17, 1983, the NRC concurred with a more detailed plan for disposition of the refueling bellows.

Additional nondestructive examinations have been conducted and the results plotted on weld maps along with previous radiographic and ultrasonic testing results. Sargent & Lundy performed a fracture mechanics analysis of the bellows based on these findings. Their analysis demonstrates that the bellows assembly is structurally acceptable. The analysis has been independently reviewed and accepted by Illinois Power.

Subsequently, additional liquid penetrant examination was performed on some of the assembly welds which will be in contact with refueling pool water to ensure leak-tightness. Some minor surface indications were removed and one (1) pin hole indication was repaired. The refueling bellows is now considered fully acceptable.

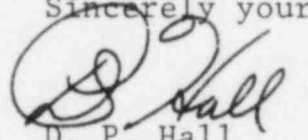
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Illinois Power Company considers the refueling bellows recovery program, which was concurred in by the NRC, to be completed. Accordingly, it is requested that this program be evaluated to permit lifting of Stop Work Order No. 10 such that installation of the bellows can proceed.

Illinois Power Company will provide any assistance required in this matter.

Sincerely yours,



D. P. Hall
Vice President

REC/rdc

cc: U. S. NRC Resident Inspector
Manager - Quality Assurance
Director - Office of I&E, Washington, DC 20555
Illinois Department of Nuclear Safety