

ILLINOIS POWER COMPANY



4250-L

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

November 23, 1982

Docket 50-461

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

Dear Mr. Keppler:

On September 24, 1982 the NRC approved a partial release of Stop Work Order 19, Containment Structural Steel, to allow reinspection of fixed connections in five quadrants of the containment. This partial release was labeled 2A-1 and was completed on October 22, 1982; the complete report is attached.

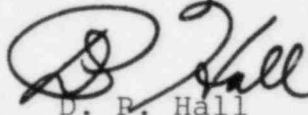
Partial release 2A-1 consisted of inspection of 449 fixed connections in the five quadrants of containment where drawings were inadvertently destroyed. Inspection of the 9 drill-and-tap connections tangential to box girders in release 2A-1 identified 4 connections with oversize holes that had not previously been identified as non-conforming. These four connections will be repaired by welding. Consequently the remaining 28 of this type of connection already installed will be inspected and evaluated for potential corrective action in phase 2A-2. However, since the reinspection in release 2A-1 was performed as a result of lost documentation, it is not possible to determine if the 4 non-conforming connections had been previously inspected. With this exception the quality of the fixed connection installation has been proven to be in conformance with applicable requirements.

A potential 10CFR50.55(e) has been filed with the NRC concerning beam to box girder drill-and-tap connections. While these connections were found to be in conformance with applicable drawings, the adequacy of existing inspection criteria to assure sufficient thread engagement exists for the development of bolt strength is being questioned. This will be evaluated and resolved.

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Contained within the enclosure is a description of the proposed phase 2A-2 of structural steel inspection, inspection of the remainder of the uninspected fixed connections and reinspection of the expansion connections in containment. Your review and approval of this well-defined and limited scope of work is requested.

Sincerely,

A handwritten signature in cursive script, appearing to read "D. P. Hall".

D. P. Hall
Vice President

LSB/jb

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