

ILLINOIS POWER COMPANY



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

April 27, 1984

Docket No. 50-461

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

Subject: Potential 10CFR50.55(e) Deficiency 55-84-09
Certification of Materials Supplied by
Rockwell Engineering and Carbon Steel Products

Dear Mr. Keppler:

On March 28, 1984, Illinois Power notified Mr. F. Jablonski, NRC Region III (Ref: IP memorandum Y-20512 dated March 28, 1984) of a potentially reportable deficiency under the provisions of 10CFR50.55(e) concerning some improperly certified pipe penetration head fitting materials supplied to CPS by the subject vendors. Our investigation of this issue is progressing, and this letter is submitted as an interim report in accordance with 10CFR50.55(e)(3).

Statement of Potentially Reportable Deficiency/Background

Discrepancies were identified during reviews of material certification documentation for pipe penetration head fitting materials supplied to Baldwin Associates by Rockwell Engineering and Carbon Steel Products. Some materials were identified as not meeting the Charpy V-Notch impact test requirements of the ASME Code, Subsection NE (Class MC). These materials were found to be impact tested at the wrong temperature of +40° F. where the correct temperature is +10° F. Some of these materials were also supplied by Rockwell Engineering prior to being qualified in September, 1982, to the requirements of ASME Section III, Subsection NCA-3800 (NA- 3700).

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Investigation Results/Corrective Action

Illinois Power has prepared and is implementing an investigation plan to determine the extent of this problem at CPS. The investigation plan includes:

1. Review of Architect/Engineer material and design requirements found in design documents and specification,
2. Review of construction Quality Control procedures and inspection basis,
3. Review of material procurement and receiving inspection methods,
4. Review of the record review programs to determine capability to identify certification deficiencies, and
5. Review of deficiency documents (Nonconformance Reports, audit findings, etc.) which identify certification discrepancies.

The data compiled above will be reviewed to determine if there exists a possible generic concern of materials not meeting the requirements of codes and specifications and will provide reasons for the problems. Appropriate action necessary to identify the full scope of the problem, correct specific deficiencies, and to prevent recurrence can then be determined.

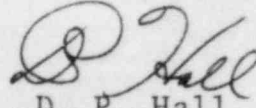
Corrective action taken on this issue to date includes the issuance of Nonconformance Reports (NCRs) to document and obtain resolution of known cases of certification discrepancies. Baldwin Associates has also issued Corrective Action Request (CAR) 147 to document and obtain corrective action regarding the qualification of Rockwell Engineering to ASME Section III, Subsection NCA-3800 (NA-3700) requirements. Additional corrective action will be determined and taken after further investigation of the issue.

Safety Implications/Significance

Illinois Power Company's investigation of this potentially reportable deficiency is continuing. The safety implication and significance of the issue will be assessed after further background information is evaluated. It is anticipated that approximately five (5) months will be necessary to complete our investigation and to file a final report on the matter. Illinois Power intends to provide you an update on the investigation progress in approximately ninety (90) days.

We trust that this interim report provides you sufficient background information to perform a general assessment of this potentially reportable deficiency and adequately describes our overall approach to resolve the problem.

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'D. P. Hall', is written over the typed name.

D. P. Hall
Vice President

RDW/lag

cc: NRC Resident Office
Director, Office of I&E, US NRC, Washington, DC 20555
Illinois Department of Nuclear Safety
INPO Records Center