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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

August 29, 1984

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

RE: Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441
Drywell Equipment Hatch Covers
[RDC 105 (84)]

Dear Mr. Keppler:

This letter serves as the second interim report pursuant to 10CFR50.55(e) concerning the Units I and II Drywell Equipment Hatch Covers which were fabricated and supplied under Procurement Specification SP669 by Newport News Industrial Corporation, Newport News, Virginia (NNIV). Mr. J. W. McCormick-Barger of your office was first notified on May 4, 1984, by Mr. P. Martin of The Cleveland Electric Illuminating Company that this problem was being evaluated per our Deviation Analysis Report 182. Our first interim report on this subject was filed May 31, 1984.

This report contains a description of the deficiency, corrective action taken since our last report, and the planned date for our next report.

Description of the Deficiency

During a review of the vendor (NNIV) documentation package for the Unit I Drywell Equipment Hatch Cover, it was noted that approximately 100 welds attaching stiffeners to the cover plate received only a 10% random magnetic particle examination (MT) although fabrication drawings required a 100% MT of these welds. Nonconformance Report (NR) #CQC-3259 was written identifying the condition. Review of the documentation for the Unit II assembly showed this also received a 10% random MT in lieu of the required 100%. Nonconformance Report #TAS-082 was written to document this condition for Unit II.

Further investigation also revealed that the face plate butt welds of the stiffeners had not received 100% radiographic examination (RT) as required by the ASME Code.

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Corrective Action

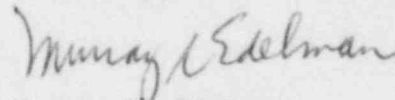
As stated in our previous report, the designer/fabricator, NNIV, evaluated the conditions identified on the above referenced NRs to determine if the 10% MT, as performed, was adequate to ensure the structural integrity of the assemblies. It was determined that the 10% MT would not be sufficient. It is therefore necessary to perform a 100% visual examination (VT) of all welds, record all rejectable defects, and remove them entirely regardless of their depth. Where this excavation results in removal of material which exceeds design allowables, the excavation is to be VT and MT inspected to ensure complete removal of the defect and the area repaired by welding. After welds are visually acceptable, all of the subject welds are to be 100% MT inspected and repaired as necessary.

With respect to the required RT inspection of the full penetration butt welds, evaluation is continuing to determine the acceptability of these welds and the type and extent of rework or repair necessary to bring the items into Code compliance.

The work described above is currently in progress on the Unit I Equipment Hatch Cover. It is currently expected that all Unit I work will be completed by December 1, 1984. The Unit II work has not been scheduled at this time. Our next report on this condition will be submitted by December 15, 1984.

Please call if there are any additional questions.

Sincerely,



Murray R. Edelman
Vice President
Nuclear Group

MRE:sr
DW165/B/2

cc: Mr. J. A. Grobe
USNRC, Site Office

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