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Dalwyn R. Davidson

VICE PRESIDENT

SYSTEM ENGINEERING AND CONSTRUCTION

May 3, 1982



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

RE: Perry Nuclear Power Plant Docket
Nos. 50-440; 50-441, Interim Report
on Rejection of Previously Accepted
Containment Vessel Radiographs
(RDC 53(82))

Dear Mr. Keppler:

This letter serves as our first Interim Report pursuant to 10CFR50.55(e) concerning the rejection during re-review of a number of previously accepted radiographs of Containment Vessel shell plate welds. Mr. J. Konklin of your office was first notified on April 5, 1982, by Mr. E. Riley that The Cleveland Electric Illuminating Company was investigating this deficiency.

Our report includes a description of the deficiency, the method planned for completion of our evaluation, and the planned date for the submittal of our next report.

DESCRIPTION OF DEFICIENCY

Several Nonconformance Reports (NRs) were written by Newport News Industrial Corporation of Ohio (NNICO) to document the fact that they had failed to perform excavation Magnetic Particle Testing on a number of welds that were being repaired. The NRs were dispositioned "Use-As-Is" based on acceptable final radiographs of the weld repairs.

Project Organization's Nondestructive Examination Element began to re-review these previously accepted radiographs (100% of the radiographs had been reviewed and accepted by NNICO and the authorized nuclear inspector, and 10% - 25% were reviewed and accepted in 1978 by Project Organization Construction Quality Control) for the purpose of verifying compliance with the disposition of the subject NRs. During this re-review, it was found that many of the previously accepted radiographs were in fact rejectable. (Of the 58 weld joints re-reviewed, 36 were determined to be rejectable.) Based on this limited review, your office was notified.

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COMPLETION OF EVALUATION

A commitment has been made by Project Organization to perform a 100% re-review of all radiographs from both Containment Vessels to identify all unacceptable radiographs and defective welds. In order to more accurately define the extent of the deficiency, acceptance and rejection numbers will be based on the number of separate films viewed, rather than the number of welds, since some weld joints may consist of up to thirty (30) separate films.

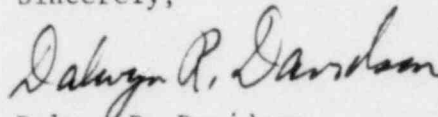
To date, 874 films have been re-reviewed, representing 5% of the total for both containments. Of these 874 films viewed, 280 (32%) have been determined to be rejectable.

Excavation, Magnetic Particle or Liquid Penetrant Testing, weld repair, and final radiographic testing will be performed on all welds determined to be rejectable, as required.

We are planning to submit our next report on this subject when all film review has been completed. The date projected at this time will be August 31, 1982.

If you have any questions, please do not hesitate to call.

Sincerely,



Dalwyn R. Davidson
Vice President
Systems Engineering and Construction

DRD/llp

cc: NRC Site Office

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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