



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PDR-016



April 27, 1982

Thomas C. Wheeler, Esquire
Pettit & Martin
1800 Massachusetts Avenue, N.W.
Washington, DC 20036

IN RESPONSE REFER
TO FOIA-82-20

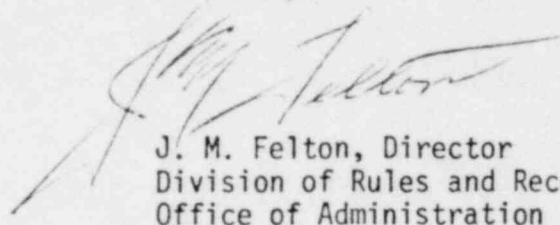
Dear Mr. Wheeler:

This is in further reply to your letter dated January 19, 1982, in which you requested, pursuant to the Freedom of Information Act, copies of five categories of documents concerning the Atlas Machine & Iron Works, Inc., Gainesville, Virginia.

In further response to your request enclosed is a copy of the document about which we stated we were consulting with TVA.

This completes action on your request.

Sincerely,



J. M. Felton, Director
Division of Rules and Records
Office of Administration

Enclosure: As stated

8206020 583

Memorandum

THE HARTSVILLE VALLEY AUTHORITY

CH2 31 1118 027

TO : E. T. Heston, Project Manager, Hartsville Nuclear Plant, CONST (5)

FROM : H. C. Russell, Hartsville and Phipps Bend Design Projects Manager, CH2 OB-K

DATE : NOV 17 1981

SUBJECT: HARTSVILLE NUCLEAR PLANT A - BRACKET FRAME EMBEDMENTS

This will serve to confirm a November 16, 1981, telecon between W. T. Quinn of Hartsville CONST and T. W. Roberts of the Civil Engineering Branch concerning steps to be taken to release you to perform certain work on the framed embedments. Specifically, the following work should now be performed on these embedments.

1. Color photographs of the indications found by magnetic particle inspection need to be taken. These photographs should show the defects in detail, and if necessary, either the background or the defect should be highlighted. We suggest the use of white spray on the background, red magna-flux powder, or a combination. Additionally, after the repairs have been made, these repairs need to be photographed.
2. We will want test samples taken on some of the defects. The codes and standards section of the Nuclear Engineering Branch will contact your personnel directly regarding this.
3. The defects may be repaired using the following steps:
 - a. Excavate defect and inspect excavation to insure the defect has been completely removed.
 - b. Measure and record the size (depth and length) of the excavation.
 - c. Make the necessary repair using D. 1.1. SM-3-1B (G-298) and take special care to control and maintain preheat throughout the welding operation.
 - d. Magnetic particle examine the repair and surrounding area. Final magnetic particle examination for acceptance shall be made no sooner than 72 hours after completion of the repair weld. (Note: If the length of the repair is 6 inches or less in length, examine a minimum of 6 inches of the affected weld on each side of the repair. If the repair is more than 6 inches in length, examine a minimum of 12 inches of the affected weld on each side of the repair.)
4. Ultrasonically examine the welds of the stiffeners to the end and side plates in all accessible areas on frames 6 and 7 to ascertain whether each weld is fillet or full-penetration. For fillet welds, ultrasonically determine the width of the weld. Randomly ultrasonically inspect 6 of these stiffeners on frames 6 and 7 each to ensure these welds are actually full-penetration.

R. T. Hathcoate

NOV 17 1981

HARTSVILLE NUCLEAR PLANT A - DRYWELL FRAMED EMBEDMENTS

5. The closure plates for frames 5, 7, and 9 and the penetrations for frame 9 may be installed at this time.
6. A random (approximately 10 percent) selection of cadwelds shall be visually examined for correct weld size and general compliance with the specification. Note that the technical engineer has removed the requirement for complete compliance with the AWS profile for the skewed cadwelds (reference GE's June 16, 1980, letter to G. F. Dilworth, NEB 800618 519).
7. Additionally, all the magnetic particle examination we required on frames 10 and 11 was not performed. The drawings we sent you with the marked-up welds showed the representative type welds we wanted inspected. Accordingly, we request that you inspect the opposite or mirror image welds on the other half of frames 10 and 11 and send us the results.

Finally, all of the work should be properly performed and documented in accordance with your quality assurance program and applicable quality assurance procedures.

Original Signed By

H. C. Russell

H. C. Russell


 ROB:LMR:CFM

cc: R. O. Barnett, W9D224 C-K
 E. A. Costner, W11C126 C-K
 MEDS, 100 UB-K
 H. H. Mull, E7B24 C-K
 J. L. Parris, 509 UB-K (2)
 John A. Raulston, W10C126 C-K
 M. N. Sprouse, W11A9 C-K

041322.01