



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

May 16, 1990

MEMORANDUM FOR: Chairman Carr
Commissioner Roberts
Commissioner Rogers
Commissioner Curtiss
Commissioner Remick

FROM: Dennis K. Rathbun, Director
Congressional Affairs, GPA *DR*

SUBJECT: REQUEST FOR DOCUMENTS BY CONGRESSIONAL
STAFF

I am attaching documents requested by Dr. Henry Myers. I intend to provide these without restriction this afternoon, May 16, 1990, unless I hear otherwise.

Attachments:
As Stated

Contact: M.Callahan, X21776

cc: OGC
SECY
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IG

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As requested by Dr. Myers' May 14, 1990 note to Dennis Rathbun, attached is the inspection plan for the assessment of weld quality at Seabrook. The target date of May 4 for completing onsite inspection activities has been extended about 2 weeks.

PLAN FOR TEAM INSPECTION AT SEABROOK

Team Leader - Lee Spessard

OVERVIEW:

An independent regulatory review team has been established to review certain pipe welding issues at Seabrook. The team was established under the direct authority of Jim Snizek, Deputy Executive Director for Nuclear Regulation, Regional Operations and Research.

TEAM:

Lee Spessard, Director, Division of Operational Assessment, AEOD, was named the team leader, and the team members are: Glenn Walton, Senior Resident Inspector at Watts Bar, Bill Crowley and Jim Coley, Region II Specialist in NDE, and Brozia Clark, a consultant in nondestructive examination.

Two team members (Spessard & Walton) convened in the Rockville NRC office on April 2, 1990, and started reviewing the issues and developed the inspection plan provided below. Jim Snizek and Lee Spessard met with Dr. H. Myers and other Congressional staff members on April 3, 1990, to obtain the specific information regarding Congressional interest. On April 6 -12, 1990, the team will visit Seabrook and begin the inspection as outlined in the plan. On April 24, 1990, Mr. Wampler will be interviewed at the NRC office in Rockville by the team members to obtain the details surrounding his welding issues at Seabrook. The team will then perform further inspections onsite commencing April 25, 1990, to complete the remaining portions of the plan. The target date for completing the onsite work is May 4, 1990. The team will convene in the Rockville office on May 7, 1990, to complete the report.

PURPOSE:

The objective of the review is to provide an after-the-fact, independent assessment to determine whether or not the pipe welding/NDE activities performed by Pullman-Higgins, including evaluation and disposition of nonconforming conditions were accomplished in accordance with applicable codes and NRC requirements, and to assess the issues involving Mr. Wampler, a Level III radiographer employed by Pullman-Higgins.

INSPECTION PLAN:

The inspection plan, as described below, as well as the team composition, may be modified at the discretion of the team leader based on future discussions with Mr. Wampler and results of the team's inspection findings. The plan consists of the following:

- (1) By telephone, if possible, interview Mr. Wampler regarding pipe welding and NDE issues at Seabrook (See Snizek to Wampler letter dated March 30, 1990). SPESSARD & WALTON

- (2) Obtain and review the work packages for the 15 welds referenced in Senator Kennedy's letter to the NRC dated March 12, 1990. If work packages reference other documents, obtain and review those documents.
WALTON
- (3) Review the radiographic film for the 15 welds referenced in Senator Kennedy's letter. Determine & record the following: Date original film was exposed, date it was reviewed and level qualification of reviewer, disposition of review, record repair date, if applicable and basis for repair, record the P-H Level III's overview date and results of the review, record the YAEK Level III's overview date and results of the review. CLARK & WALTON
- (4) Review the on-site data regarding Level III re-review of radiographs performed by Pullman-Higgins, and YAEK. Determine the following:
CROWLEY
 - (a) Was a 100 percent review done by Pullman-Higgins and YAEK for all radiographs?
 - (b) Why was the review done?
 - (c) When did the review start?
 - (d) How long did the review continue?
 - (e) What did the review find? Number of rejects, type of rejects, etc. How were the rejects handled; e.g., documented?
 - (f) How many were rejected due to film quality?
 - (g) How many were rejected due to weld quality?
 - (h) Were all rejected welds accessible for repair and/or re-radiography? If not, what disposition was made?
 - (i) Were all rejectable welds repaired? If not what disposition was made?
 - (j) Was the final disposition of all welds reviewed and accepted by the utility and the ANI? NOTE: Pay particular attention to welds that were inaccessible.
 - (k) Were any exceptions taken to the ASME code of record?
- (5) During the time period before, during, and after Mr. Wampler was employed as a Level III radiographer at Seabrook, review the radiographic film for approximately 100 welds to ascertain code compliance. Also determine if aging has affected the film quality. In this review verify the following: film density, geometric unsharpness factor, technique, film speed, source location in proximity to film and penetrometer, sensitivity requirements; i.e., 2-2t, penetrometer size, number, location, and weld coverage. Review the technique sheet with each weld and determine if the documentation supports the condition.

Verify that acceptable indications are recorded on the reader sheet, sheet is dated and signed by at least a qualified Level II reviewer, a qualified RT procedure is referenced on each reader sheet, and each weld is properly dispositioned. Verify the Level III's involvement. Record data as required by paragraph 3. COLEY & CLARK

- (6) Review the radiographic film for at least 10 welds that Mr. Wampler had reviewed and determine the validity for his acceptance or rejection of the film. For those rejected, review the reshoot and determine if repairs were required and achieved. Record data as stated in paragraph 3. COLEY & CLARK
- (7) Review the radiographic procedures for compliance with the ASME Code. CROWLEY
- (8) Review several representative training and certification records for Pullman-Higgins Level II film interpreters. Review qualifications of P&H and YAEC Level III radiographers involved. Verify compliance with ASNT-TC-1A. CROWLEY
- (9) Review nonconformances (DR's, NCR's) associated with the P&H pipe welding program. Request a word search of "WELDS" and "NONDESTRUCTIVE EXAMINATION" from the computer system and determine if Wampler issued any of them or caused any of them to be issued. Review each non-conformance and verify it was dispositioned in compliance with the FSAR and ASME Section III code (1977 Edition, Winter Addenda). Determine if any of the DR's, NCR's were or should have been reported to the NRC as required by 50.55(e). WALTON
- (10) Determine if the licensee issued any 50.55(e) reports on P-H pipe welding or NDE issues during the construction phase. WALTON
- (11) Review the licensee's employee concern program and determine if the licensee received any concerns about P-H's pipe welding and/or nondestructive examination program. CROWLEY
- (12) As discussed by Wampler in letter dated March 18, 1990 a P-H "Radiography Backlog" is discussed. Determine if such a list exists. Evaluate it's contents for appropriateness for implementing this plan in terms of sample selection. WALTON
- (13) Review any QA Audits conducted of the P-H pipe welding/NDE activities. Evaluate to assure weld and film quality findings were properly dispositioned. CROWLEY

- (14) Obtain a legible copy of each document reviewed as part of this inspection for inclusion as an enclosure to the Inspection Report. Specifically include all documents that purport to resolve any deficiencies identified during the review. Request clearance from the licensee that the information is not proprietary.
ALL MEMBERS

Issue a detailed report which fully describes the extent of inspections performed and results of the review. The records collected will be included in the report as attachments. Issue regulatory actions if required.
SPESSARD/ALL MEMBERS

Submitted by : Lee Spessard
LEE SPESSARD

4/5/90
Date

Approved by : Jim Sniezek
JIM SNEZEK

4/5/90
Date