



830 Power Building
TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

Central File
50-390
50-391

June 30, 1976

Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Dear Mr. Moseley:

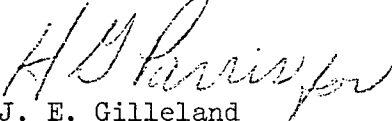
WATTS BAR NUCLEAR PLANT UNIT 2 - REPORTABLE DEFICIENCY -
BREAKDOWN IN CHICAGO BRIDGE AND IRON COMPANY QUALITY ASSURANCE
PROGRAM - DOCUMENTATION OF RADIOGRAPHS AND WELD HISTORY -
IE CONTROL NO. H01196F2 - THIRD INTERIM REPORT

The subject deficiency was reported to V. L. Brownlee, NRC-OIE
Principal Reactor Inspector for Watts Bar Nuclear Plant, and
J. C. Bryant, Senior Inspector, NRC-OIE Facilities Section, on
February 12, 1976, in accordance with 10 CFR 50.55(e).

The first and second interim reports concerning this deficiency
were made on March 17 and April 23, 1976, respectively. The
third interim report is enclosed.

Our next report will be submitted on or before August 31, 1976.

Very truly yours,


J. E. Gilleland
Assistant Manager of Power

Enclosure

CC: Dr. Ernst Volgenau, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

WATTS BAR NUCLEAR PLANT UNIT 2
REPORTABLE DEFICIENCY
CHICAGO BRIDGE AND IRON COMPANY
QUALITY ASSURANCE PROGRAM BREAKDOWN
DOCUMENTATION OF RADIOGRAPHS AND WELD HISTORY RECORDS
THIRD INTERIM REPORT

TVA and CB&I efforts toward final resolution of this deficiency are continuing. TVA has reviewed an outline of the CB&I final report and agrees with CB&I's approach and the extent and nature of their input to the TVA final report. TVA's report will also address our failure to identify the subject deficiency through the implementation of WBNP-QCP 4.6, "Surveillance of Field Erection of Containment Vessels and Contractor's Quality Assurance Program."

The above procedure has been revised to strengthen surveillance of CB&I by requiring the contractor to maintain documented records as required by the procurement specification, contract, CB&I QA Manual, and Section III, Subsection MC including the Winter 1971 Addenda of the ASME Boiler and Pressure Vessel Code. Further, by requiring that all NDE records shall clearly indicate the cycle of inspection such as original, first repair, second repair, etc.; and that all life of plant records shall be reviewed for completeness prior to TVA's final acceptance of the vessels.

Upon receipt of the CB&I input to this construction deficiency, TVA will prepare the final report for transmittal to the Nuclear Regulatory Commission Office of Inspection and Enforcement.