

May 23, 1978

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 1217
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 INFRACTION 78-02-01 - ADDITIONAL
INFORMATION

Enclosed is the additional information on the infraction cited in
NRC-OIE Inspection Report 50-390/78-3, 50-391/78-2, dated
February 27, 1978. This information was requested by NRC Inspector
B. R. Crowley on April 14, 1978.

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

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
INFRACTION 78-02-01

ADDITIONAL INFORMATION

Item A

Weld No. 2-087B-D-020-07

The inspector responsible for this failure to comply with procedure has been given individual instructions on the specific requirements of purge gas analysis and the importance of accurate documentation.

All welding inspector group leaders have reinstructed their personnel on procedure compliance.

To establish the integrity of the subject weld, three mockups were welded with exit purge gas of <1% O₂, 2% O₂, and 5% O₂. The mockups were evaluated by L. C. Northard, Supervisor, Welding Engineering Unit, WBNP. The observable difference between the mockups was an increase of temper color on the I.D. surface of the weld bead but in no case as pronounced as on the O.D. of the weld bead which was shielded by the torch gas.

Item B

Weld No. 2-068G-W002-01

Root pass visual and NDE of the partially completed weld was not required by the operation sheet as issued. The examinations were added on a random basis for information only. The inspector conducted and documented an examination that was not required by the operation sheet.

Weld No. 2-068C-W003-02

NDE data has been reconstructed to complete the missing NDE evaluation sheet.

End prep examination data was transferred from previous NDE sheet made at time of examination (9-20-77). Root pass visual was verified by the inspector who conducted the examination.

It should be noted that the missing documentation covered examinations that are not required by Section III of the B&PV Code but were imposed by TVA to provide additional inprocess information.

All welding inspector group leaders have reinstructed their personnel on procedure compliance.

Full compliance for both items A and B was achieved on January 30, 1978.