

TENNESSEE VALLEY
CHATTANOOGA, TENNESSEE 37401

830 Power Building

JUL 5 1978

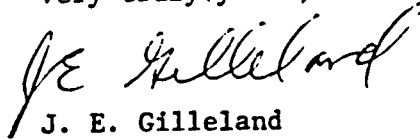
Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 1217
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT - NRC-OIE INSPECTION REPORT 50-390/78-13 AND
50-391/78-11 - RESPONSE TO DEFICIENCY 78-13-01

This is in response to C. E. Murphy's letter dated May 26, 1978. The
subject report cited TVA with one deficiency. Enclosed is our response
to this deficiency.

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

NRC REPORT NOS. 50-390/78-13 AND 50-391/78-11

RESPONSE TO DEFICIENCY 390/78-13-01

Deficiency

1. Pipe weld 1-063B-D090-10, the film density in the darkest area of interest in views 3-4 and 4-1 exceeds the allowable of penetrameter density plus 30 percent.
2. For pipe weld 1-072A-D063-09, a number 17 penetrameter was used in lieu of the required number 10.

Corrective Action Taken and Results Achieved

In response to item 1 of the stated deficiency, the TVA film was reviewed by NRC and their contractor, U.S. Testing Company, using a densitometer furnished by U.S. Testing. A rereview of the film using TVA's densitometer reveals that the film in question is acceptable. Details follow.

<u>Film No.</u> <u>TVA</u>	<u>Film No.</u> <u>NRC</u>	<u>Density</u> <u>Weld</u>	<u>Density</u> <u>Penney</u>	<u>-15%</u>	<u>+30%</u>
0-1	4-1	2.22-2.58	2.10	1.78	2.73
1-2	1-2	2.10-2.58	2.09	1.77	2.70
2-3	2-3	2.06-2.51	2.22	1.89	2.88
3-0	3-4	2.26-2.67	2.08	1.77	2.70

This data shows all film segments to be within -15 percent to +30 percent of the penney density.

TVA densitometer - McBeth TP 502
Calibration date - February 8, 1978
Film strip P/N - 29002670
Calibration date - February 8, 1978

In response to item 2 of the stated deficiency, the weld, 1-72A-D063-09, was radiographed again using a number 10 penetrameter. The film has been reviewed and is acceptable.

Corrective Action Which will be Taken to Avoid Future Noncompliance

Personnel responsible for performing radiography and for reviewing film have been cautioned to be alert for correct penetrameter size.

Date When Full Compliance will be Achieved

Full compliance was achieved on June 5, 1978.