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Poehler, Jeffrey

From: Fairbanks, Carolyn *NR*
Sent: Monday, August 13, 2012 1:20 PM
To: Poehler, Jeffrey
Subject: Watts Bar 2 did have a (joint) GL 92-01 response

From NUREG-1511"

Plant Name: Watts Bar 2
Docket Number: 50-391
NSSS Vendor: Westinghouse
Vessel Manufacturer: Rotterdam Dockyard
Edition of ASME Code for Design: Summer 1971 Addenda to the 1971 ASME Code
Date of Commercial Operation: License has not been issued
Date of License Expiration: License has not been issued
RTpt, for the Limiting Beltline Material:
Limiting Beltline Material: Circumferential weld, heat 895075
ID Fluence at EOL: $3.18E19$ n/cm²
Initial RT -50°F
Method of Determining Chemistry Factor: Chemistry data per Paragraph C.1.1 of RG 1.99, Rev. 2
Increase in RTNDT at EOL: 89°F
Margin: 56°F
RTt at EOL: 950F
Date at which PTS Screening Limit will be exceeded: After EOL
USE for the Limiting Beltline Material:
Limiting Beltline Material: Lower shell forging 04, heat 528658
 $1/4T$ Fluence at EOL: $1.90E19$ n/cm²
Initial USE: 105 ft-lb
Percent Drop at EOL: 22.1%
USE at EOL: 82 ft-lb
Date USE Screening Limit will be Exceeded: After EOL
Bases for Accepting the USE at EOL: Chemistry data per Paragraph C.1.2 of RG 1.99, Rev. 2
REFERENCES:
July 7, 1992, letter from R. M. Shell (TVA) to USNRC Document Control Desk, Subject: Browns Ferry Nuclear Plant, Sequoyah Nuclear Plant, and

B/115

Watts Bar Nuclear Plant--Response to Generic Letter 92-01 (Reactor
Vessel Structural Integrity)