



Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

APR 30 2009

Mr. Timothy J. Dwyer
Technical Director
Defense Nuclear Facilities Safety Board
625 Indiana Avenue, NW Suite 700
Washington DC 20004-2901

Dear Mr. Dwyer,

SUBJECT: Salt Waste Processing Facility (SWPF) Summary Structural Report

In a January 10, 2007, letter to the Department, the Defense Nuclear Facilities Safety Board requested that a Summary Structural Engineering Report (SSR) be prepared for SWPF upon completion of final design. Enclosed is the SWPF SSR, (Document P-DRR-J-00004, Rev. 0). The SWPF SSR addresses the Central Processing Area (CPA) building structural layout, geotechnical investigations, design basis hazards, structural design and analysis criteria, development of loads applied and the structural response of the CPA to the applied loads. The SSR demonstrates the adequacy of the SWPF structural design to meet the Performance Category-3 (PC-3) requirements.

We have been working with your staff during the development of the SSR. The SSR has incorporated staff comments received to-date. Should your staff have additional comments, we will work with your staff to address these comments and revise the SSR as necessary.

Should you have any questions, please contact me or Dave Faubert, at (803) 641-8915.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Zack Smith". The signature is fluid and cursive, with a large loop at the end.

T. Zack Smith
SWPF Federal Project Director

SWPF-09-217

Enclosure: SWPF SSR (P-DRR-J-00004, Rev. 0)

Cc w/o attachment:

Dae Chung, HQ, EM-60, FORS
Mark Whitaker, HQ, HS-1.1
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