



DUKE COGEMA  
STONE & WEBSTER

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U.S. Nuclear Regulatory Commission  
Washington, DC 20555

22 October 2001  
DCS-NRC-000065

Subject: Docket Number 070-03098  
Duke Cogema Stone & Webster  
Mixed Oxide Fuel Fabrication Facility  
Reference Request

During review of Duke Cogema Stone & Webster's (DCS') Mixed Oxide Fuel Fabrication Facility (MFFF) Construction Authorization Request (CAR), NRC staff have requested copies of several reference documents used in its preparation. These documents are listed in Enclosure A. This letter transmits one hard copy of each document, and four CDs containing electronic (PDF) copies of the documents. If you have any questions, please contact me at (704) 373-7820.

Sincerely,

Peter S. Hastings, P.E.  
Licensing Manager

Enclosures: as stated

xc (without enclosure):

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*David W  
4 CD-ROMS*

## Enclosure A

### NRC Requested Documents

- (a) DCS (Duke Cogema Stone & Webster), 2000. *MOX Fuel Fabrication Facility Site Geotechnical Report*, DCS01-WRS-DCS-NTE-G-00005-A, December {NOTE: This document is the basis for geotechnical information presented in the CAR. It has been updated to reflect design development analyses, and the updated version [DCS01-WRS-DCS-NTE-G-00005-C] was submitted to NRC on 10 August 2001.}
- (b) Geomatrix Consultants, Inc., 1991. *Ground Motion Following Selection of SRS Design Basis Earthquake and Associated Deterministic Approach*, WSRC Subcontract AA2021S, Westinghouse Savannah River Company, Aiken, SC (WSRC-TR-91-00124, Rev 1)
- (c) Housner, G.W., 1968. *Earthquake Criteria for the Savannah River Plant*, DPE-2383, E.I. du Pont de Nemours and Company, Savannah River Plant, Aiken, SC
- (d) Lee, R.C., 1994. *Update of H-Area Seismic Design Basis*, WSRC-TR-94-0528, Rev. 1, Westinghouse Savannah River Company, Aiken, SC
- (e) Lee, R.C., 1994a. *H-Area Seismology Summary and General Overview*, WSRC-TR-94-0529, Rev. 1, Westinghouse Savannah River Company, Aiken, SC
- (f) WSRC, 1997b. *Savannah River Site Environmental Report for 1996*, Westinghouse Savannah River Company, Aiken, SC, June, comprised of:
  - 1) WSRC-TR-97-0173 *Savannah River Site Environmental Report for 1996, Summary*
  - 2) WSRC-TR-97-0171 *Savannah River Site Environmental Report for 1996*
  - 3) WSRC-TR-97-0077 *Savannah River Site Environmental Data for 1996*
- (g) WSRC, 1999a. *Engineering Standards Manual, Structural Design Criteria Standard No 01060*, (Manual WSRC-TM-95-1) Westinghouse Savannah River Company, Aiken, SC
- (h) WSRC, 1999b. *F-Area Northeast Expansion Report*, WSRC Site Geotechnical Services, Report K-TRT-F-00001, Revision 0, June
- (i) WSRC, 1999c. *Generic Safety Analysis Report*, G-SAR-G-00001, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC (Incorrectly noted as WSRC-TR-99-0369 in CAR Section 1.3.8), comprised of:
  - 1) G-SAR-G-00001, Rev 4, Executive Summary and Chapters 1, 6, 7, 8, 11, 12, 15, and 17
  - 2) G-SAR-G-00001, Rev 3, Chapter 3

- (j) WSRC, 2000a. *2000 RCRA Part B Permit Renewal Application (U), Volume VII, Savannah River Site Mixed Waste Facility (MWMF) Postclosure*, WSRC-IM-98-30, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC
- (k) WSRC, 2000b. *Natural Phenomena Hazards (NPH) Design Criteria and Other Characterization Information for the Mixed Oxide (MOX) Fuel Fabrication Facility at Savannah River Site (U)*, WSRC-TR-2000-00454, Rev. 0, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC, November

The following requested references were provided as a part of the responses to the first group of CAR Requests for Additional Information, and are not repeated with this request:

- Lee, R.C., 1996. *Investigations of Nonlinear Dynamic Soil Properties at the Savannah River Site*, WSRC-TR-96-0062, Rev. 0, Westinghouse Savannah River Company, Aiken, SC, March
- Lee, R.C., et al., 1997. *Savannah River Site Seismic Response Analysis and Design Basis Guidelines*, WSRC-TR-97-0085, Rev. 0, Westinghouse Savannah River Company, Aiken, SC, March
- Lee, R.C., 1998. *Soil Surface Seismic Hazard and Design Basis Guidelines for Performance Category 1 & 2 SRS Facilities*, WSRC-TR-98-00263, Rev. 0, Westinghouse Savannah River Company, Aiken, SC, September