



DUKE COGEMA
STONE & WEBSTER

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U.S. Nuclear Regulatory Commission
Washington, DC 20555

11 July 2002
DCS-NRC-000102

SUBJECT: Docket Number 070-03098
 Duke Cogema Stone & Webster
 Mixed Oxide Fuel Fabrication Facility
 Environmental Report, Revision 2 (incorporating Revision 1)

Enclosed are 25 copies (including one signed original) of Revision 2 of the Environmental Report (ER) for the Duke Cogema Stone & Webster (DCS) Mixed Oxide (MOX) Fuel Fabrication Facility. The ER revision is being submitted to amend the information provided earlier pursuant to 10 CFR Parts 51 and 70 in support of the construction authorization and eventual application for a special nuclear material possession-and-use license under 10 CFR Part 70.

Revision 2 of the ER incorporates Revision 1, which is not being submitted as a separate document. Since submittal of Revision 0 of the ER on 19 December 2000, DCS has received and responded to the NRC Request for Additional Information (RAI) and subsequent requests for clarification. Revision 1 incorporates changes to appropriate information from the responses to the RAI and clarifications. Revision 2 incorporates design changes resulting from the DOE decisions to use alternate feedstock in the MOX facility, and to treat the MOX waste in a separate Waste Solidification Building, which is part of the Pit Disassembly and Conversion Facility. In some cases, information provided in response to the RAI has been revised as a result of these changes.

This amended ER presents impact analyses that are specific to the current design of the MOX Fuel Fabrication Facility and the proposed location of this facility on the Savannah River Site. In presenting the cumulative impacts of the MOX Fuel Fabrication Facility and its connected actions, this amended ER does not duplicate or reanalyze the analyses presented in the previous DOE Environmental Impact Statements (*Surplus Plutonium Disposition Final Environmental Impact Statement* and *Storage and Disposition of Weapons-Usable Fissile Materials Final Programmatic Environmental Impact Statement*) but rather summarizes, incorporates, and references the appropriate analyses of the DOE documents. This amended ER also does not reanalyze decisions made by the DOE in the Records of Decision and Amended Record of Decision for the existing Environmental Impact Statements.

Although waste processing is addressed in the previous DOE Environmental Impact Statements as facility specific impacts, DOE has consolidated waste processing for the MOX Fuel Fabrication Facility and the Pit Disassembly and Conversion Facility (PDCF) in a Waste Solidification Building located on the PDCF site. Appendix G of the ER provides the impacts

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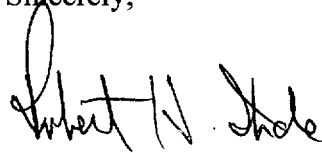
1/25

Document Control Desk
DCS-NRC-000102
11 July 2002
Page 2 of 2

of the Waste Solidification Building; these impacts are then considered in the cumulative impacts of the MOX Fuel Fabrication Facility and its connected actions.

If you have any questions, please feel free to contact Mr. Peter S. Hastings, Licensing Manager, at (704) 373-7820 or Ms. Mary L. Birch, Environment, Safety and Health Manager, at (704) 382-1401.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert H. Ihde". The signature is fluid and cursive, with the first name "Robert" being more prominent.

Robert H. Ihde
President and CEO

Enclosure: Mixed Oxide Fuel Fabrication Facility Environmental Report, Revisions 1 & 2

xc (without enclosure):

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