



DUKE COGEMA
STONE & WEBSTER

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

10 June 2004
DCS-NRC-000168
Response Required: No
Response Due: N/A

Subject: Docket Number 070-03098
Duke Cogema Stone & Webster
Mixed Oxide (MOX) Fuel Fabrication Facility
Construction Authorization Request and Environmental Report Change Pages

- References:
- 1) P. S. Hastings (DCS) to Document Control Desk (NRC), *Docket Number 070-03098 Duke Cogema Stone & Webster Mixed Oxide (MOX) Fuel Fabrication Facility Construction Authorization Request Change Pages*, DCS-NRC-000150, 28 July 2003
 - 2) P. S. Hastings (DCS) to Document Control Desk (NRC), *Mixed Oxide Fuel Fabrication Facility Environmental Report*, Revision 4, DCS-NRC-000155, 13 August 2003

Enclosed are change pages for Duke Cogema Stone & Webster's (DCS) request for authorization of construction of the Mixed Oxide (MOX) Fuel Fabrication Facility and associated Environmental Report. The enclosed change pages replace pages in the Construction Authorization Request (CAR) as updated through Reference 1 and the Environmental Report (ER) as updated through Reference 2.

The enclosed change pages do not contain information which is considered to be proprietary to DCS. Proprietary information is included in a separate letter. Enclosure 1 provides twenty-five copies of the CAR change pages, which may be disclosed to the public. Enclosure 2 provides a copy of the ER change pages. Enclosure 3 provides the page replacement instructions for the CAR.

The CAR change pages are the result of a change to the location of the Controlled Area Boundary, updates to Design Basis information, and the incorporation of recently closed Draft Safety Evaluation Report Open Items.

The ER change pages (Revision 5) incorporates changes in the facility design affecting waste volumes. Previous revisions noted that DOE was considering removal of the silver recovery process. Revision 5 reflects the impact of this action on the waste volumes. Revision 5 also removes references to the controlled area boundary. In addition to some editorial corrections, Revision 5 reflects design refinement of the NNSA Waste Solidification Building and the decision to route MFFF liquid LLW to the Waste Solidification Building rather than the Effluent Treatment Facility.

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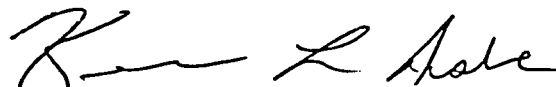
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As in previous revisions, the Environmental Report considers dose consequences to three populations: the MFFF workers, the nearby SRS workers, and the general public. Because the dose consequences to these populations did not change as a result of changes to the controlled area boundary, the impacts discussed in the Environmental Report did not change. One loss of confinement accident did change as a result of design changes to accommodate operating flexibility.

If I can provide any additional information, please feel free to contact me at (980) 373-6217.

Sincerely,



Kenneth L. Ashe, P.E.
Manager, Licensing

KLA/gdh

- Enclosures:
- 1) Change Pages to the Mixed Oxide Fuel Fabrication Facility Construction Authorization Request
 - 2) Change Pages to the Mixed Oxide Fuel Fabrication Facility Environmental Report
 - 3) Construction Authorization Request June 2004 Update Instructions

xc (with enclosures):

David Alberstein, NNSA/HQ
William M. Troskoski, USNRC/HQ
Donald J. Silverman, Esq., DCS
PRA/EDMS: Corresp\Outgoing\NRC\2004 NRC\DCS-NRC-000168

xc (without enclosures):

Marc Arslan, DCS
David A. Ayres, USNRC/RII
Larry R. Barnes, DCS
Timothy S. Barr, NNSA/CH
Edward J. Brabazon, DCS
James R. Cassidy, DCS
Vincent Chevalier, DCS

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xc (without enclosures continued):

Mosi Dayani, NNSA/CLT
Sterling M. Franks, III, NNSA/SR
Joseph G. Giitter, USNRC/HQ
Peter S. Hastings, DCS
Joseph J. Holonich, USNRC/HQ
James V. Johnson, NNSA/HQ
Joseph Olencz, NNSA/HQ
Hironiroi Peterson, USNRC/HQ
Robert C. Pierson, USNRC/HQ
Luis A. Reyes, USNRC/RII
Thomas E. Touchstone, DCS
Martin J. Virgilio, USNRC/HQ