

DCS-NRC-000239
05 October 2009

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

SUBJECT: Docket Number 070-03098
Shaw AREVA MOX Services
Responses to Request for Additional Information Regarding the
Review of the Criticality Safety Aspects Related to the Integrated
Safety Assessment Summary for the Mixed Oxide Fuel Fabrication
Facility License Application Request

REFERENCE: (A) Letter, D. Tiktinsky (NRC) to D. W. Gwyn (MOX Services),
*Request for Additional Information Regarding the Review of the
Criticality Safety Aspects Related to the Integrated Safety
Assessment Summary for the Mixed Oxide Fuel Fabrication
Facility License Application Request, 6 February 2009*

Shaw AREVA MOX Services, LLC hereby responds to the Reference (A) Request for
Additional Information (RAI). Our response to the RAIs is contained in the Enclosure.
The License Application (LA) and Integrated Safety Analysis Summary (ISAS), which
includes associated LA and ISAS changes, will be transmitted under separate cover.

If you have any questions, please contact Dealis Gwyn, Licensing & Regulatory
Compliance Manager, at (803) 819-2780.

Sincerely,



David Stinson
President and COO

This page is decontrolled when removed from the Enclosure

1145501
11455

DCS-NRC-000239

05 October 2009

Page 2 of 2

Enclosure

- (1) MOX Services Response to NRC Request for Additional Information (RAI)
Regarding the Review of the Criticality Safety Aspects Related to the Integrated
Safety Assessment Summary for the Mixed Oxide Fuel Fabrication Facility License
Application Request Dated December 17, 2007

cc: (w/ encl.)

David H. Tiktinsky, USNRC/HQ.

EDMS: Corresp\Outgoing\NRC\2009 NRC\DCS-NRC-000239

cc: (w/o encl.):

Mostafa Dayani, NNSA/SRS

Carol R. Elliott, NNSA/SRS

Sam Glenn, NNSA/SRS

William B. Gloerson, USNRC/RII

Dealis W. Gwyn, MOX Services

William Hennessey, MOX Services

Kevin Morrissey, USNRC/HQ

Deborah A. Seymour, USNRC/RII

Donald J. Silverman, Esq., ML&B

This page is decontrolled when removed from the Enclosure