

September 3, 2004

MEMORANDUM TO: Joseph G. Giitter, Chief
Special Projects Branch
Division of Fuel Cycle Safety
and Safeguards

THRU: Stewart Magruder, Chief /RA/
Mixed Oxide Facility Licensing Section
Special Projects Branch
Division of Fuel Cycle Safety
and Safeguards, NMSS

FROM: William Troskoski, Sr. Chemical Engineer /RA/
Mixed Oxide Facility Licensing Section
Special Projects Branch
Division of Fuel Cycle Safety
and Safeguards, NMSS

SUBJECT: AUGUST 11, 2004, TELEPHONE SUMMARY: MOX QUALITY
ASSURANCE PROGRAM DISCUSSION

On August 11, 2004, the U.S. Nuclear Regulatory Commission (NRC) staff held a telephone conference call with staff from Duke Cogema Stone & Webster (DCS) to discuss the current status of the DCS Quality Assurance (QA) Program. I am attaching the telephone summary for your use. The summary contains no proprietary or classified information.

Docket: 70-3098

Attachments: Duke Cogema Stone & Webster
Telephone Summary

cc:
James Johnson
Henry Porter
John Conway
Lou Zeller
Glenn Carroll
Peter Hastings
Diane Curran
D. Siverman

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DATE	08/26/04		08/30/04		09/03/04	

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Telephone Conference Call Summary

MOX Quality Assurance Program Status

On August 11, 2004, D. Brown, S. Magruder, W. Smith and W. Troskoski of the Nuclear Regulatory Commission (NRC) conducted a conference call with J. Cassidy, DCS QA Manager, between 1:00-1:45 p.m., to discuss the status of the Mixed Oxide (MOX) Quality Assurance (QA) program. The NRC approved Revision 3, of the MOX Project QA Plan (MPQAP) will remain in effect pending completion of NRC review of Revision 4. The staff was informed that the organization depicted in Revision 4, of the MPQAP has changed due to the increased focus on construction activities. DCS stated that it intended to docket a freestanding organization document that would envelope the requirements for the QA program, Construction Authorization Request (CAR) and License Application. Duke Cogema Stone & Webster (DCS) stated that the QA Levels definition changes in Revision 4, which provide a more conservative approach for all items relied on for safety, had been implemented.

The staff was informed that there was limited procurement activity at this time, focusing on long lead design items such as the sintering furnace. The DCS QA audit of the DCS software design activities in Aiken, South Carolina, and France is expected to be conducted in the second quarter of Fiscal Year 2005. The staff also asked the applicant about the status of tests and experiments that DCS has committed to perform. The applicant stated that two laboratories were being considered and that a preliminary DCS QA review has been conducted. The test schedule and high level test plans were currently under development and DCS would notify the staff of their completion.

DCS stated that its internal QA audits and performance assessments were continuing on a routine basis and that corrective actions from the March 2004, Denver engineering audit findings were essentially implemented.

The staff informed the applicant of recent and planned changes to NRC personnel responsible for conducting the MOX review. Mr. Stewart Magruder was introduced as the new Section Chief, and Mr. Wilkins Smith indicated that he had been transferred to another assignment and NRC intended to appoint a replacement QA reviewer in the near future.