

November 19, 2002

MEMORANDUM TO: Lidia Roche, Chief
Fuel Manufacturing Section
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

FROM: Joseph Giitter, Chief **/RA/**
Special Projects Section
Special Projects and Inspection Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: TECHNICAL ASSISTANCE REQUEST - ELECTRICAL/I&C,
MECHANICAL, AND EMERGENCY PLANNING

The FCSS Special Projects and Inspection Branch (SPIB) requests technical assistance in reviewing the following project:

Project: Mixed Oxide (MOX) Fuel Fabrication Facility

Casework/RITS/TAC Nos: 70-3098020 211E L20363 100S

Requested Actions:

With respect to the ongoing FCSS review of the revised Duke Cogema Stone and Webster (DCS) Construction Authorization Request (CAR) for the MOX Fuel Fabrication Facility, SPIB requests assistance in performing the following technical reviews:

- (1) Electrical and instrumentation and controls (I&C);
- (2) Emergency preparedness.

Specifically in these areas, SPIB requests assistance in reviewing the revised CAR, attending meetings with DCS, as necessary, developing requests for additional information (RAIs), as necessary, reviewing DCS responses to RAIs, and developing Safety Evaluation Report (SER) input to the revised draft SER and the final SER.

Applicable NRC regulations for the MOX facility construction authorization are contained in 10 CFR 70. Specific Part 70 regulations that pertain to construction authorization include, but are not limited to, sections 70.22(f), 70.23(a)(7), and 70.23(b). The applicable standard review plan is NUREG-1718, "Standard Review Plan for the Review of an Application for a Mixed Oxide Fuel Fabrication Facility." SPIB received a revised Construction Authorization Request on October 31, 2002. A revised Draft Safety Evaluation Report is scheduled for April 30, 2003,

and a final SER by September 30, 2003. Therefore, the period of performance is through FY 2003.

Two of your staff have served as lead technical reviewers in these areas since FCSS received the Construction Authorization Request in February 2001. As a result, this important licensing action would be well-served by their continuing involvement, considering their hard-earned experience and familiarity with the MOX facility review. For this reason, we specifically request the following individuals and commitments of resources:

Technical Discipline	License Reviewer	Resource Commitment
Electrical and I&C	Frederick Burrows	240 hours
Emergency Preparedness	Michael Lamastra	40 hours

Please provide the information requested below and return a completed copy to the Licensing Assistant (LA) or Project Manager (PM).

Name of Reviewer: _____
Electrical and I&C

Name of Reviewer: _____
Emergency Preparedness

Projected Completion Date: September 30, 2003

Special Projects and Inspection Branch Chief Signature: _____
Melvyn Leach

Contacts: PM: Andrew Persinko, (301) 415-6522
LA: Linda Gross, (301) 415-8129

The above TAC No. should be referenced in future correspondence related to this request and on the RITS Report for recording staff time expended on this effort.

Docket 70-3098

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LA: Linda M. Gross, (301) 415-8129

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OFFICE	SPIB*	E	SPIB*	E	SPIB*	E		
NAME	APersinko		LGross		JGiitter			
DATE	11/ 14 /2002		11/ 18 /2002		11/ 19 /2002			

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