

November 7, 2005

MEMORANDUM TO: William H. Ruland, Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office, NMSS

FROM: Jessica M. Umana, Project Manager /RA/
Licensing Section
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF OCTOBER 27, 2005, MEETING WITH GE NUCLEAR
ENERGY AND DURATEK REGARDING CERTIFICATE AMENDMENT
REQUESTS FOR MODEL NO. FSV-1 AND MODEL NO. 2000
PACKAGE DESIGNS

Background

A meeting was held on October 27, 2005, in Rockville, Maryland, at the request of GE Nuclear Energy (GE) to discuss possible future Model No. FSV-1 and Model No. 2000 certificate amendment requests. The attachment is the list of meeting attendees. No regulatory decisions were made nor requested at the meeting.

Introduction

GE plans to purchase two FSV-1 casks from Duratek in November 2005. Duratek (certificate holder) will submit the amendment request to authorize shipment of irradiated hardware in the FSV-1 package in configuration E. The certificate holder plans to submit the amendment request before the license is transferred to GE. Currently, configuration E is approved for irradiated fuel from Fort St. Vrain. Irradiated hardware is authorized for configurations A, B, C, D, F, and G. GE intends to submit a new application for a "-96" certification for this package.

GE plans to send in an amendment for the Model No. 2000 to revise an instrument referenced in the operating procedures and maintenance program for leak testing.

Discussion

- GE would like to have the physical transfer of two FSV-1 casks from Duratek in November 2005. GE plans to ship in these casks sometime in February 2006.
- GE wants to use configuration E of the FSV-1 cask to ship standard irradiated hardware and will seek authorization in the certificate to be able to do so.
- GE stated that a new containment analysis would be conducted for this amendment request.

- Duratek plans to send in the amendment request in November 2005. The anticipated need date for this amendment would be February 2006.
- NRC stated that for a timely review, the application would need to be complete and accurate. Additionally, no commitments were made with regards to GE's need date because of other workload and availability of resources to complete the review.
- GE also plans to send in a new application for the FSV-1 for approval under current "-96" standards next year.
- GE will submit an amendment request for the Model No. 2000, to update an instrument used for leak testing.
- The manufacturer will no longer provide the instrument currently used by GE for leak tests. GE will continue to use the same manufacturer but a different instrument will be used for leak testing. GE will submit changes to update the new device in the application.
- GE also will request an increase in curie content of the package. The Model No. 2000 cask is designed to handle 2000 W of MTR and triga fuel. GE will increase the isotope to match 2000 W, increasing the contents to 240,000 Ci.
- GE plans to submit this amendment request by the end of the calendar year. The anticipated need date would be June 2006.

Docket Nos. 71-6346 and 71-9228
TAC No. L23916

Attachments: Meeting Attendees

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DATE	11/4/05		11/7/05		11/7/05			

C=Without attachment/enclosure E=With attachment/enclosure N=No copy **OFFICIAL RECORD COPY**

**Meeting Between GE Energy Nuclear, Duratek, and the
Nuclear Regulatory Commission
October 27, 2005**

Meeting Attendees

Andrew Barto	NRC/SFPO
Gordon Bjorkman	NRC/SFPO
Stewart Brown	NRC/SFPO
Larry Campbell	NRC/SFPO
Antonio Dias	NRC/SFPO
Robert Einziger	NRC/SFPO
Frank Jacobs	NRC/SFPO
Henry Lee	NRC/SFPO
Robert Temps	NRC/SFPO
Jessica Umana	NRC/SFPO
Bernard White	NRC/SFPO
Scott Bump	GE Nuclear Energy
Raul Pomares	GE Nuclear Energy
Mark Whittaker	Duratek