

May 09, 2005

MEMORANDUM TO: Brian Thomas, Acting Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office, NMSS

FROM: Julia M. Barto, Project Manager
Licensing Section **/RA/**
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF MARCH 30, 2005, MEETING WITH
AEA TECHNOLOGY, QSA, REGARDING PROPOSED
APPLICATION FOR TRANSPORTATION PACKAGE

Background

A meeting was held on March 30, 2005, in Rockville, Maryland, at the request of AEA Technology, QSA, to discuss its applications for the Model No. 976 transportation package. The meeting was noticed on March 10, 2005. No proprietary information was discussed at the meeting. The list of meeting attendees is attached to this memorandum.

Discussion

AEA Technology, QSA, requested a certificate of compliance for a new package design, the Model No. 976 transportation package, Docket No. 71-9314. The package is designed to transport ship Type B quantities of Ir-192 special form sources. It consists of several different source changers housed inside a 20 gallon drum overpack. The staff is currently reviewing the package design, and the details of the design were discussed. The applicant's slide presentation can be found in ADAMS, under Accession No. ML051250537.

In their first presentation, they provided detailed photos and descriptions of each source changer and respective components. They also discussed the uses of each source changer. In the second presentation, they discussed the physical testing that was performed to show compliance with the structural and thermal requirements of 10 CFR 71.

The applicant described a design change to the package; i.e., the package design was amended to include four bolts around the drum lid area, to secure the drum lid onto the drum body. Previously, the drum lid was secured onto the drum body by a clamp ring. The applicant amended the design to ensure that the lid stays on the drum body such that the source changer remains in the thermal shielding in the drum. The applicant showed that the source changer must remain inside the thermal shielding in the drum to survive the fire test.

AEA Technologies, QSA stated, that this package design was intended to replace a previous NRC certified transportation package, Model No. 855, Docket No. 71-9165.

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Staff is currently reviewing the package design, and plans to complete the review by the end of June 2005. The supporting information supplied by AEA Technology, QSA, will be used to aide the review team.

Docket No. 71-9314

TAC No. L23719

Attachment: Meeting Attendees

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May 09, 2005

Staff is currently reviewing the package design, and plans to complete the review by the end of June 2005. The supporting information supplied by AEA Technology, QSA, will be used to aide the review team.

Docket No. 71-9314

TAC No. L23719

Attachment: Meeting Attendees

Distribution: NRC Attendees S. Baggett J. Cuadrado N. Osgood M. Rahimi
J. Umana S. Williams

Filename: E:\Filenet\ML051290398.wpd *see previous concurrence

OFC	SFPO	E	SFPO	C	SFPO	
NAME	JBarto*		MDeBose*		RLewis	
DATE	5/5/2005		5/5/2005		05/09/05	

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

**March 30, 2005, Meeting
between AEA Technology, QSA, and
the Nuclear Regulatory Commission**

MEETING ATTENDANCE LIST

Andrew Barto	NRC/SFPO
Julia M. Barto	NRC/SFPO
Gordon Bjorkman	NRC/SFPO
Jerry Chuang	NRC/SFPO
Allen Hansen	NRC/SFPO
Shana Helton	NRC/SFPO
Mary Jane Ross-Lee	NRC/SFPO
Cathleen Roughan	AEA Technology, QSA
Hank Kaczowka	AEA Technology, QSA
Lori Podolak	AEA Technology, QSA
Stephen Foraste	AEA Technology, QSA

Attachment