

August 9, 2007

MEMORANDUM TO: Robert A. Nelson, Deputy Director
Licensing and Inspection Directorate
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

FROM: Meraj Rahimi, Senior Project Manager /RA/
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety

and Safeguards

SUBJECT: SUMMARY OF JULY 25, 2007, MEETING WITH DEPARTMENT OF
ENERGY - IDAHO NATIONAL LABORATORY ON DESIGN OF
STANDARDIZED CANISTERS FOR TRANSPORT

On July 25, 2007, staff of the Nuclear Regulatory Commission (NRC), and the Department of Energy (DOE) - Idaho National Laboratory (INL) and its contractors, held the fifth pre-application meeting to discuss the standardized canister designed for transporting DOE-owned spent nuclear fuel to Yucca Mountain. The meeting was focused on the content of the topical report which DOE is planning to submit sometime during the first part of the 2008 calendar year. The list of attendees and the meeting handouts are in Enclosures 1 and 2.

DOE-INL presented an outline of the topical report and the associated criteria along with a crosswalk table with those sections of 10 CFR 71 applicable to the standardized canister. DOE-INL indicated that the objective of the topical report is to confirm that the standardized canister is acceptable to the NRC staff as part of a transportation package to prevent intrusion of water under hypothetical accident conditions per Interim Staff Guidance (ISG)-19. DOE-INL's plan is to have a cask designer to reference the DOE's topical report in its Safety Analysis Report (SAR) for the overpack and the standardized canister when submitted sometime in the future.

The NRC staff suggested licensing drawings to be included in the topical report and the maximum normal operating pressure to be specified. On the subject of the quality assurance, the staff asked how DOE-INL is addressing the quality assurance requirements under 10 CFR 71 if the design, development, and fabrication of the standardized canisters are being carried out by DOE. DOE-INL indicated that they're following the quality assurance requirements described under "Quality Assurance Requirements and Description, DOE/RW-0333P, Revision 19." It was not clear how DOE/RW-0333P satisfies 10 CFR 71 quality assurance requirements. It was agreed that a separate discussion on this issue would be appropriate.

R. Nelson

- 2 -

No regulatory decisions were made at the meeting.

An attendance list and meeting materials are included.

TAC No. L24045

Enclosures:

1. Attendance List
2. Meeting Materials

R. Nelson

- 2 -

No regulatory decisions were made at the meeting.

An attendance list and meeting materials are included.

TAC No. L24045

Enclosures:

1. Attendance List
2. Meeting Materials

DISTRIBUTION:

SFPO r/f B. White attendees

C:\FileNet\ML072270452.wpd

G:\SFPO\Rahimi\DOE_ID Canisters\July 25 Meeting\overview.pdf

G:\SFPO\Rahimi\DOE_ID Canisters\July 25 Meeting\Outline Matrix.pdf

G:\SFPO\Rahimi\DOE_ID Canisters\July 25 Meeting\10CFR71 Crosswalk.pdf

OFC:	SFST	E	SFST	E	SFST	
NAME:	MRahimi		MDeBose		RNelson	
DATE:	08/9/07		08/9/08		08/9/08	

C = COVER

E = COVER & ENCLOSURE

N = NO COPY

OFFICIAL RECORD COPY

**NRC - DOE-INL Meeting
July 15, 2007**

ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>	<u>E-mail</u>
Meraj Rahimi	NRC/NMSS/SFST	mxr2@nrc.gov
Nancy Osgood	NRC/NMSS/SFST	nlo@nrc.gov
Gordon Bjorkman	NRC/NMSS/SFST	gsb3@nrc.gov
Michael Waters	NRC/NMSS/SFST	mdw1@nrc.gov
Bob Einziger	NRC/NMSS/SFST	ree1@nrc.gov
Bob Tripathi	NRC/NMSS/SFST	bpt@nrc.gov
David Tang	NRC/NMSS/SFST	dt@nrc.gov
Carl Withee	NRC/NMSS/SFST	cjw@nrc.gov
Mark Arenez	DOE-Idaho/NSNFP	arenazmr@inl.gov
Brett Carlsen	INL/NSNFP	brett.carlsen@inl.gov
Philip Wheatley	INL/NSNFP	philip.wheatley@inl.gov
Thomas Hill	INL/NSNFP	thomas.hill@inl.gov
Ron Ramsey	INL/NSNFP	ronald.ramsey@em.doe.gov
Maureen Conley	Platts/McGraw Hill	maconley@yahoo.com

Enclosure 1

Enclosure 2

Presentation Materials

