

November 16, 2006

MEMORANDUM TO: William H. Ruland, Deputy Director
Licensing and Inspection Directorate
Division of Spent Fuel Storage and Transportation, NMSS

FROM: Jill Caverly, Project Manager /RA/
Licensing Branch
Licensing and Inspection Directorate
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: SUMMARY OF A PRE-APPLICATION MEETING ON
NOVEMBER 13, 2006, WITH CROFT ASSOCIATES TO DISCUSS
TWO NEW TYPE B(U) PACKAGES

DISCUSSION

Representatives from Croft Associates Ltd. (Croft) requested a pre-application meeting with U.S. Nuclear Regulatory Commission (NRC) staff in order to discuss an application for Certificates of Compliance (CoC) for two transport packages for medical isotopes. The list of attendees is attached (Attachment 1). Mr. Mike Flagg of the University of Missouri's MU Research Reactor (MURR) also attended. The proposed new packages will likely replace MURR's current transport fleet.

In a presentation by Croft's Mr. Robert Vaughan (Attachment 2), the package design details were discussed. The package designs will include a "lightly shielded" package and a "heavily shielded" package. Croft representatives discussed its initial design with staff and requested staff input regarding the requirements for performance testing its designs. In addition to its discussion of the proposed package application, staff discussed the requirements for thermal performance. Staff discussed the technical requirements for package approval and identified several guidance documents that would be helpful to Croft in its efforts. Staff also suggested that the applicant provide any calculations that are performed in addition to the package performance test results.

NRC staff discussed the recent termination of the Croft's Quality Assurance program. This action was taken in June 2006 because Croft was no longer a Certificate of Compliance holder or a registered user. Staff noted that Croft would be required to submit an application for approval of a Quality Assurance program prior to receiving a new CoC.

Finally, Croft indicated that the applications would be submitted to NRC in late FY07.

No regulatory decisions were requested and none were made during the meeting.

Attachment: 1. Meeting Attendees
2. Presentation Slides

MEMORANDUM TO: William H. Ruland, Deputy Director
Licensing and Inspection Directorate
Division of Spent Fuel Storage and Transportation, NMSS

FROM: Jill Caverly, Project Manager /RA/
Licensing Branch
Licensing and Inspection Directorate
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: SUMMARY OF A PRE-APPLICATION MEETING ON
NOVEMBER 13, 2006, WITH CROFT ASSOCIATES TO DISCUSS
TWO NEW TYPE B(U) PACKAGES

DISCUSSION

Representatives from Croft Associates Ltd. (Croft) requested a pre-application meeting with U.S. Nuclear Regulatory Commission (NRC) staff in order to discuss an application for Certificates of Compliance (CoC) for two transport packages for medical isotopes. The list of attendees is attached (Attachment 1). Mr. Mike Flagg of the University of Missouri's MU Research Reactor (MURR) also attended. The proposed new packages will likely replace MURR's current transport fleet.

In a presentation by Croft's Mr. Robert Vaughan (Attachment 2), the package design details were discussed. The package designs will include a "lightly shielded" package and a "heavily shielded" package. Croft representatives discussed its initial design with staff and requested staff input regarding the requirements for performance testing its designs. In addition to its discussion of the proposed package application, staff discussed the requirements for thermal performance. Staff discussed the technical requirements for package approval and identified several guidance documents that would be helpful to Croft in its efforts. Staff also suggested that the applicant provide any calculations that are performed in addition to the package performance test results.

NRC staff discussed the recent termination of the Croft's Quality Assurance program. This action was taken in June 2006 because Croft was no longer a Certificate or Compliance holder or a registered user. Staff noted that Croft would be required to submit an application for approval of a Quality Assurance program prior to receiving a new CoC.

Finally, Croft indicated that the applications would be submitted to NRC in late FY07.

No regulatory decisions were requested and none were made during the meeting.

Attachment: 1. Meeting Attendees
2. Presentation Slides

Distribution: (w/ attachment)

NMSS r/f DMcIntire, OPA EEaston BWhite

C:\FileNet\ML063240236.wpd

OFC	SFPO		SFPO		SFPO	
NAME	JCaverly		MDebose		RNelson	
DATE	11/14/06		11/14/06		11/16/06	

MEETING ATTENDANCE

MEETING WITH CROFT ASSOCIATES AND NRC STAFF

DATE: NOVEMBER 13, 2006

MEETING ATTENDEES

NAME	ORGANIZATION
Robert Nelson	NRC/NMSS/SFST
Jill Caverly	NRC/NMSS/SFST
Nancy Osgood	NRC/NMSS/SFST
Michel Call	NRC/NMSS/SFST
Allen Hansen	NRC/NMSS/SFST
Jerry Chuang	NRC/NMSS/SFST
Shana Helton	NRC/NMSS/SFST
Gordon Bjorkman	NRC/NMSS/SFST
Geoff Hornseth	NRC/NMSS/SFST
David Tang	NRC/NMSS/SFST
Rob Temps	NRC/NMSS/SFST
Andrew Barto	NRC/NMSS/SFST
Elaine Keegan	NRC/NMSS/SFST
Larry Campbell	NRC/NMSS/SFST
Robert Vaughan	Croft Associates Ltd.
Don Edling	Croft Associates Ltd.
Mike Flagg	University of Missouri - MURR