



## CONVERSATION RECORD

10-25-16

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Sarah Bryson

DATE OF CONTACT

10/24/2016

TYPE OF CONVERSATION

☐ E-MAIL☒ TELEPHONE☐ INCOMING☒ OUTGOING

E-MAIL ADDRESS

TELEPHONE NUMBER

(888) 447-9153

ORGANIZATION

Croft Associates Limited

DOCKET NUMBER(S)

71-9338

LICENSE NUMBER(S)

CONTROL NUMBER(S)

SUBJECT

Design Insert O-Ring Dose Teleconference

SUMMARY

NRC participants: Chris Allen and Dan Forsyth

The call commenced at approximately 9 A.M. Eastern Standard Time with the NRC explaining that, in preparing the safety evaluation reports for the amendment requests to authorize transport of radioactive liquids, it had been determined that radiation damage to the design insert O-rings had not been addressed in the safety analysis report submitted with the applications. The NRC pointed out that, since the shielding analyses submitted with the applications assumed the radioactive liquids remained in the design insert, the performance of the design insert O-rings was very important in shipping radioactive liquids. The NRC also indicated that a preliminary analysis showed that the dose rate to the design insert O-rings was high; therefore, the NRC asked Croft if they had evaluated the dose to the design insert O-rings. When Croft responded that they had not, the NRC stated that they intended to impose a condition in the certificate to replace the design insert O-rings prior to each shipment. Croft indicated that this was acceptable. The NRC also noted that, although the operating instructions associated with liquid contents directed that a bubble test be performed before loading liquids, the instructions did not direct the user to replace O-rings which failed the bubble test. When Croft indicated the O-rings should be replaced if they did not pass the bubble test, the NRC requested that updated operating instructions be provided. Croft committed to providing updated instructions. The call concluded at approximately 9:30 A.M. Eastern Standard Time.

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ACTION REQUIRED (IF ANY)

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NAME OF PERSON DOCUMENTING CONVERSATION

Chris Allen

SIGNATURE

*William C. Allen*