

From: Marie Miller
To: Laurie Kauffman; Mark Roberts
Date: Thu, Jul 8, 2004 5:01 PM
Subject: Fwd: TAR (ABB Prospects): ML041690113

Please see attached. It came in on July 8. Perhaps Randy or Jim could help with some of the history regarding past licensing decisions.

CC: James Kottan; Randolph Ragland
From: Amir Kouhestani
To: Marie Miller
Date: Thu, Jul 8, 2004 11:32 AM
Subject: TAR (ABB Prospects): ML041690113

Marie:

Attached please find a request for additional information (RAI) received from the FCSS Technical Support Group, who is performing the criticality review for the subject TAR. Request that Region I provide the response to the RAI directly to Melanie Galloway in FCSS with Nick and I on cc.

vr,
Amir

CC: Andrew Persinko; Dao ; Garrett Smith

July 2, 2004

MEMORANDUM TO:

Andrew Persinko, Acting Section Chief
Special Projects Section
Decommissioning Directorate
Division of Waste Management
and Environmental Protection, NMSS

FROM: Melanie A. Galloway, Chief */RA/*
Technical Support Group
Division of Fuel Cycle Safety
and Safeguards, NMSS

SUBJECT: INFORMAL TECHNICAL ASSISTANCE REQUEST RELATED TO ABB
PROSPECTS, INC. REQUEST TO INCREASE POSSESSION LIMITS
OF URANIUM-235

On June 29, 2004, the Division of Waste Management verbally requested assistance in providing a criticality review to support the above request. While we are awaiting a Technical Assistance Request, we did not want to hold up the actual review. Therefore, please find the information required in order to complete the requested review in Attachment 1. Note that Questions 1, 2, 4, and possibly 3 can likely be answered by NRC staff.

If responses are provided by July 8, we may be able to complete the action by the requested date of July 15. The assigned reviewer, Margaret Chatterton, is available as needed for telecons with the licensee or staff. Ms. Chatterton's contact information, including her address for Federal Express mailing of the required information, will be provided via separate e-mail to Robert Johnson.

Attachments:

1. Additional Information Needed and Questions for
DWM TAR regarding ABB request

July 2, 2004

MEMORANDUM TO: Andrew Persinko, Acting Section Chief
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Division of Waste Management
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1. Additional Information Needed and Questions for
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FCSS r/f

ML041840429

OFC	TSG			
NAME	MGalloway:lcg			
DATE	07/02/2004			

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Additional Information Needed and Questions for DWM TAR regarding ABB request

- 1) Please provide a copy of the current license, so that changes can be verified and understood.
- 2) Much of the licensee's justification depends on the similarity with an approved situation at Envirocare. Please provide the incoming request from Envirocare and the NRC response(s) including the SER and any RAIs.* The similarity of the ABB to the Envirocare situation needs to be verified.
- 3) In the Summary of changes, under item 2, there is the following phrase, "total inventory at the Site for all licenses." Please explain what is meant by "all licenses." This implies that there is more than one license. Please provide a copy of "all licenses" so that it can be verified that the proposed changes do not conflict with any requirements.
- 4) Concentrations greater than 1900pCi/g
The ABB license limit was decreased to something less than 700g sometime ago. Please provide copies of the documentation that approved that change so that it can be verified that conditions that allowed that change will not be violated by the proposed change.
- 5) Concentrations less than or equal to 1900pCi/g
Justification for the amount of material with these concentrations is based on the material meeting several conditions that are listed in the submittal. The submittal states that those conditions will be met by "process knowledge, physical observation or testing." There are no specifics for how this will be accomplished. Details are needed in order to establish that the processes are adequate to ensure that the conditions are met.

*ABB submittal gave the following reference:

Envirocare of Utah Clive Site (FR Doc. 79-12241, Filed 5-13-99, Vol 64 No 93 page 26465)

From: "Howard & Muffet Chatterton" <chatrton@erols.com>
To: "Laurie Kauffman" <LAP@nrc.gov>, <john.conant@us.abb.com>
Date: Wed, Jul 28, 2004 5:44 PM
Subject: 7/29/04 Conference call discussion

John, Laurie,

The attached file contains my proposed items for discussion during the 11AM conference call on 7/29/04. Please add any other topics that you think will help.

Thanks,
Muffet Chatterton