

December 4, 2002

MEMORANDUM TO: Daniel Gillen, Chief
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

THRU: Gary Janosko, Section Chief **/RAI/**
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
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and Safeguards

FROM: Elaine Brummett, Project Manager **/RA**
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: CABOT CORPORATION MEETING SUMMARY

On November 20, 2002, the U.S. Nuclear Regulatory Commission (NRC) staff met with representatives of Cabot Performance Materials (CPM, a subsidiary of Cabot Corporation, the licensee) and its consultants at Cabot's Boyertown, Pennsylvania facility. CPM requested renewal of source material license SMB-920 on April 3, 2002, and the meeting was primarily to discuss the information lacking in CPM's October 10, 2002, response to the June request for additional information (RAI). The meeting was an announced open meeting, with attendance by Cabot Corporation, Cabot contractors, representatives from the Pennsylvania Department of Environmental Protection (PADEP), and NRC staff from Headquarters and Region I offices. A list of attendees is provided in Attachment 1 and the agenda for the meeting is provided as Attachment 2. No members of the public attended this meeting.

CPM staff conducted a guided site tour of the portions of the facility that handle and manage uranium and thorium as source material. This included the ore receiving and grinding operation, the acid digestion and ion exchange process area, the bulk storage buildings where the spent ore residue (filter cake) is stored, and the wastewater treatment and neutralization operations. In addition, groundwater monitoring locations and the surface water discharge outfall location were observed.

The meeting of the NRC, licensee, and PADEP staff was held in CPM's administrative offices, after the site tour. The discussion included the status and process of NRC's review and provided additional explanations of the information needed for NRC to complete its technical review of the license renewal application. The site emergency plan was also reviewed and compared to the information recommendations for such plans in Regulatory Guide 3.67. In addition, several conditions to be added to the license were mentioned, but the exact wording will be discussed later. The NRC project manager indicated that another RAI would be forthcoming that would formalize the meeting discussion topics, would include the groundwater protection review area, and any other information needs that resulted from the detailed review of Cabot's previous submittals. No programmatic commitments or agreements were made during this meeting.

Docket 40-6940
License SMB-920

Attachments: 1. Attendees
2. Agenda

December 4, 2002

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* see previous

ATTENDEES

CABOT MEETING NOVEMBER 20, 2002

<u>NAME & TITLE</u>	<u>AFFILIATION</u>	<u>PHONE NUMBER</u>
Elaine Brummett, Project Manager	NRC/NMSS/FCSS	301-415-6606
Diana Diaz-Toro, Intern	NRC/NMSS/FCSS	301-415-6640
Mike Layton, Hydrologist	NRC/NMSS/FCSS	301-415-6658
Sattar Lodhi	NRC/Region I	610-337-5364
Rick Haaker	Weston	505-250-4076
Bob Young	PA DEP (Water Qual.)	610-832-6141
Denise Alston-Guiden	Cabot	610-369-8660
Gerry Kirkpatrick	Environ. Stds. Inc.	610-935-5577
Jeffrey Whitehead	PA DEP (Rad. Protect.)	717-787-2964
Tim Knapp, RSO	Cabot	610-369-8520
Robert Schoenfelder	Weston Solutions	505-837-6556
Brad Okoniewski, Mgr. Environ. Programs	CPM	610-369-8175
Martin Oneill, General Manager	CPM	610-369-8212
Tim Hornig, Mgr. Safety, Health & Env.	CPM	610-369-8517

AGENDA

CABOT MEETING NOVEMBER 20, 2002

Introductions

NRC License Renewal Procedures

NUREG-1520 (March 2002) "SRP for the Review of a License Application for a Fuel Cycle Facility" as partial basis for review of operations (e.g., general information, organization, radiation protection, chemical process safety, and management measures, as applicable)

NUREG-1620, Rev. 1 (Jan. 2002) SRP for Mill Sites, Section 5.3 for radiation controls and monitoring, Appendix B historical aspects, Appendix G NEPA and Endangered Species Act

NUREG-1727 (Sept. 2000) for cost estimate and surety instrument

NUREG-1757 Vol.1 & 2 (Sept. 2002) "Consolidated NMSS Decommissioning Guidance" for decommissioning plan, including ground water hydrology

NUREG-1748 (draft Sept. 2001) Environmental Review Guidance

Regulatory Guide 3.67 (Jan. 1992) Emergency Plans

Preliminary Comments on Cabot's October 10th submittals

Attachment A - Decommissioning Cost Estimate

RAI Response - Environmental Information

Attachment E - Bioassay

Attachment F - Air Sampling

License Conditions

surety, notification, detailed decommissioning plan, RSO, etc.

Schedule for application page changes and NRC review

Miscellaneous

Summary