

October 24, 2007

Mr. Wayne Reiber, Manager  
Environmental Assessment and Remediation  
Cabot Corporation  
Two Seaport Lane Suite 1300  
Boston, MA 02210

SUBJECT: CABOT READING SITE - AMENDMENT RE: DECOMMISSIONING PLAN  
APPROVAL (TAC NO. J050943)

Dear Mr. Reiber:

Enclosed please find Amendment No. 9 to Source Material License for the Cabot Corporation Reading Site, Docket No. 40-9027, License No. SMC-1562, approving decommissioning of your Reading, PA facility in accordance with your proposed decommissioning plan of August 2006, (Agencywide Documents Access and Management System (ADAMS) accession numbers ML062360159, ML062360164, and ML062210261) as supplemented on September 21, 2006 (ADAMS accession number ML062640081). NRC has added license condition 22 to Amended Facility Operating License No. SMC-1562 deemed appropriate and necessary for approval of the decommissioning plan.

The NRC staff reviewed the decommissioning plan and compared the licensee's proposed radionuclide concentration levels to the trigger values for soil and groundwater in the "Memorandum of Understanding (MOU) between the EPA and the NRC on Consultation and Finality on Decommissioning and Decontamination of Contaminated Sites." The staff concluded that the trigger values for soil and/or groundwater were exceeded. In accordance with Section V.C.2 of the MOU, consultation was required. The NRC staff has received EPA's response (ML061510465), and will respond to EPA's letter prior to license termination.

W. Reiber

A copy of the Safety Evaluation supporting Amendment No. 9 is also enclosed. Please contact Ted Smith of my staff at (301) 415-6721 if you have any questions.

Sincerely,

**/RA/**

Keith I. McConnell, Deputy Director  
Decommissioning and Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No. 40-9027

Enclosures:

1. Amendment No. 9
2. Safety Evaluation
3. *Federal Register* notice

cc: See next page

cc:

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Reading Redevelopment Authority  
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Reading, PA 19601-3690

Carl Engleman  
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501 Washington Street, Box 877  
Reading, PA 19601

W. Reiber

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Sincerely,

**/RA/**

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