

Docket File Information
**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE Cabot Corporation P.O. Box 1608, County Line Road Boyertown, PA 19512 REPORT NUMBER(S) 05-001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region I, 475 Allendale Road King of Prussia, Pennsylvania 19406-1415	
3. DOCKET NUMBER(S) 04009027	4. LICENSE NUMBER(S) SMC-1562	5. DATE(S) OF INSPECTION Nov. 29 and Dec. 22, 2005	
6. INSPECTION PROCEDURES USED 87104	7. INSPECTION FOCUS AREAS 03.01 through 03.04 as applicable		8. INSPECTOR D.Everhart/R.Prince
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM 11900	2. PRIORITY D	3. LICENSEE CONTACT Tim Knapp, RSO	4. TELEPHONE NUMBER 610 369-8520

Main Office Inspection

Next Inspection Date: March, 2006Field Office Cabot Facility (Slag Pile) - Reading, PATemporary Job Site
Inspection _____**PROGRAM SCOPE**

This is a possession only license for a slag pile at the licensee's Reading, PA location. There is no routine work activities at this location. The licensee confirms radiological access control and performs radiological surveys of the perimeter of the slag pile with a contractor HP service on a quarterly basis.

The inspection consisted of a review of the physical perimeter to determine that the fence was in place and intact. Concurrently, a survey of the fence perimeter and the adjacent railroad right of way was performed. Postings were observed at adequate intervals and the fence was found to be intact. Two gates were noted in the perimeter fence and both were secured before and after the inspection.

In support of a request from the Project Manager from Headquarters, a survey was performed inside the perimeter. This was a limited survey due to the difficulty in maneuvering through the dense overgrown brush area on a steep hillside. Survey results are attached as Appendix A.

The quarterly survey results from the licensee for 2005 were reviewed. These results were compared to the survey performed during the inspection. Discussions with the licensee indicated they will more closely monitor the survey results to compare dose rates to previous survey results.