

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: EnergySolutions/Breckenridge Disposal Site REPORT NUMBER(S) /2010001		2. NRC/REGIONAL OFFICE REGION III	
3. DOCKET NUMBER(S) 03022060		4. LICENSE NUMBER(S) 06-20775-01	5. DATE(S) OF INSPECTION 05/11-13/2010
6. INSPECTION PROCEDURES USED 83890, 87104		7. INSPECTION FOCUS AREAS Observed licensee's preparation for decommissioning activities	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3219	2. PRIORITY 3	3. LICENSEE CONTACT Michael Carr, RSO	4. TELEPHONE NUMBER 865-425-4587
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Main Office Inspection Next Inspection Date: _____

Field Office Inspection _____

Temporary Job Site Inspection Breckenridge Disposal Site _____

PROGRAM SCOPE

EnergySolutions, LLC (ES) is a service provider licensee that is authorized to perform activities associated with equipment and facility decontamination, site characterization/final status surveys (collecting and analyzing samples, etc.), environmental remediation, waste packaging, waste treatment, and transportation of material at temporary job sites where NRC maintains jurisdiction. NRC Region III inspectors observed ES: 1) prepare for soil excavation, waste packaging and transportation; 2) complete their walk-over GPS surveys of on-site surface soils with a calibrated Ludlum 2221 survey meter and 2-inch by 2-inch NaI detector; 3) perform a pre-job brief and reviewed the RWP with Rad workers; and 4) perform QA/QC checks of survey meters and of their on-site laboratory instrumentation. Inspectors interviewed ES management and staff, and reviewed RWPs BMI-10-001, "Restricted Area General Access-Inspection and Surveys," and BMI-10-002, "Area Excavation." Inspectors reviewed the licensee's annual audit report CS-RPP-2009 dated December 9, 2009, training records of two Rad workers, work plans and procedures. Inspectors verified that the licensee conducted work safely and in accordance with CS-OP-PN-042, "Remedial Work Plan, Waste Excavation and Site Restoration for the Breckenridge Disposal Site," and CS-SH-PN-031, "Breckenridge Disposal Site Remediation Project Health & Safety Plan (SHASP)," in addition to procedures, license conditions, and NRC regulations. The inspectors completed walk-over surveys of on-site surface soils with a calibrated Ludlum 2241-3 survey meter and 2-inch by 2-inch NaI detector, attached to a Trimble GeoXT GPS unit to document locations of measurements to compare with ES's map of GPS surveys. The inspectors completed walk-over surveys of areas outside the perimeter of the affected site with a calibrated Ludlum 2241-2 survey meter and 2-inch by 2-inch NaI detector.

PERFORMANCE OBSERVATIONS AND CONCLUSIONS

Region III personnel inspected the ES temporary job site activities at Breckenridge on May 11 - 13, 2010. Based on observations of ongoing decommissioning activities, the interview of ES personnel, and the review of licensee project records, the inspectors identified no safety concerns, no violations, and determined that ES is conducting licensed activities in a safe manner, and in compliance with their work plans, procedures, license conditions and regulatory requirements. Written procedures have been revised to enhance safety; and the licensee's and NRC's GPS radiological survey maps are in agreement. No contamination was found outside of the perimeter of the affected site.

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6/4/10