



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

March 30, 2011

Rick Chalk
Director of Health Physics
EnergySolutions
423 West 300 South, Suite 200
Salt Lake City, UT 84101

SUBJECT: SUBMITTAL OF CAUSAL ANALYSIS FOR RECENT EXCEEDANCES AT THE
LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY IN CLIVE, UTAH

Dear Mr. Chalk:

Thank you for your letter dated February 28, 2011, which included a causal analysis for recent notifications concerning special nuclear material (SNM) exceedances at your Clive, Utah, facility. On four occasions between June 2010 and January 2011, you notified the NRC about incoming shipments that contained SNM in concentrations that exceeded your Utah State license limits. In response to each incident, you submitted notification reports to the NRC in accordance with Condition 13.H of your State license and Condition 8 of NRC Order dated June 13, 2006.

In your January 20, 2011, notification letter to the NRC, you stated that you had initiated a condition report to identify causal factors and trends, if any existed, associated with these various shipments. Your letter dated February 28, 2011, included the results of your investigation. You concluded that the customers had failed to adequately characterize their wastes for radiological constituents prior to shipment to your facility. You also stated that contributing causal factors included a need for you to strengthen your programmatic customer response mechanisms and your trending practices and documentation requirements for noncompliant shipments. We understand that your condition report will remain open as long as necessary to track the corrective actions associated with these causal factors.

In summary, we have reviewed your causal analysis summary, and we have no further questions for you at this time.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of your causal analysis will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, any additional responses should not include personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction.

Should you have any questions concerning this correspondence, please contact Robert Evans at 817-860-8234 or the undersigned at 817-860-8191.

Sincerely,

/RA/

D. Blair Spitzberg, PhD, Chief
Repository and Spent Fuel Safety Branch

Docket: 040-08989

cc:
Radiation Control Program Director
Rusty Lundberg, Director
Utah Division of Radiation Control
P.O. Box 144850
Salt Lake City, UT 84116

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ADAMS	☐ No	☒ Yes	☒ SUNSI Review Complete	Reviewer Initials: RJE
Category	☒ Publicly Available		☒ Nonsensitive	
Category	☐ Nonpublicly Available		☐ Sensitive	
RIV:DNMS/RSFS	FSME/DWMEP/EPPAD		C:RSFS	
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3/14/11	3/30/11		3/30/11	

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