UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

October 12, 2007

Docket No. 03022060 License No. 06-20775-01
Control No. 141064

Kevin E. Taylor, PE, CHP
Commercial Services Division Radiation Safety Officer
Energy Solutions, LLC
143 West Street
New Milford, CT 06776

SUBJECT: ENERGY SOLUTIONS, LLC, REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL NO. 141064

Dear Mr. House:

This is in reference to your letters dated September 11, 2007, and August 22, 2007, requesting to amend Nuclear Regulatory Commission License No. 06-20775-01. In order to continue our review, we need the following additional information:

1) You requested that the license be amended to reflect the materials, material limits, and authorized uses of License No. 39-23004-01. License Condition 13 of this license provides a unique possession limit for TRU based upon a specific project involving the one-time shipment of material using CNS 10-160B shipping casts. This was communicated as part of a licensee letter dated November 4, 2005. It is not clear if this specific exemption and associated possession limit is still needed.

   Please specify if the authorization contained in License Condition 13 of License No. 39-23004-01 is being requested for the revision to License No. 06-20775-01. If so, please provide justification why it is still required. If the authorization is not required, please provide the maximum amount of byproduct material with atomic numbers 93 and above that you are requesting as part of this amendment.

2) Your submittal provides a description of the authorized user and radiation worker training program to be implemented by the licensee. This procedure does not discuss the qualifications of those who provide classroom portions of this training.

   Please provide a general description of the qualifications that will be used for personnel providing authorized user and rad worker training.

3) Your submittal does not include a sufficient description of your bioassay program if required at temporary job sites.

   Please provide a summary or procedures that describe the specifics of your bioassay program.

4) Your submittal does not include the radiological survey frequencies that you intend to use at temporary job sites.

   Please provide a summary or procedures that describe the survey frequencies you will use.

5) Your submittal describes the use of radiation work permits (RWPs) as an administrative system to establish radiological controls for intended work activities.

   Please provided a summary or procedures that describes the elements of radiological protection that are controlled by RWP and the types of protective clothing that could be required by an RWP.

6) Your submittal does not include a sufficient description of your radioactive waste/RAM management program to be used at temporary job sites.

   Please provide a summary or procedures that describe the specifics of the radioactive waste/RAM management program to include waste classification, waste handling, storage and security, and disposal.

7) Your submittal does not include a sufficient description of you radioactive material transportation program used to remove materials from temporary job sites.

   Please provide a summary or procedures that describe the specifics of your transportation program to include personnel qualifications, hazardous material characterization, packaging procedures, and transport procedures.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 141064. If you have any technical questions regarding this deficiency letter, please call me at 610-337-5276.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by James Schmidt

James Schmidt
Health Physicist
Decommissioning Branch
Division of Nuclear Materials Safety

DOCUMENT NAME: C:\FileNet\ML072851133.wpd

SUNSI Review Complete: JSchmidt
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