

January 11, 2010

MEMORANDUM TO: Gregory Suber, Branch Chief
Low-Level Waste Branch
Environmental Protection
and Performance Assessment Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: Maurice Heath, Project Manager **/RA/**
Low-Level Waste Branch
Environmental Protection
and Performance Assessment Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: SUMMARY OF PUBLIC MEETING BETWEEN THE U.S.
NUCLEAR REGULATORY COMMISSION AND
ENERGYSOLUTIONS ON LOW-LEVEL WASTE BLENDING

On December 15, 2009, the U.S. Nuclear Regulatory Commission (NRC) had a public meeting with EnergySolutions. The NRC staff discussed EnergySolutions' views on the blending of low-level waste. The meeting summary is an enclosure to this document.

Enclosures:

1. Meeting Summary
2. Attendee List
3. Agenda
4. NRC Presentation
5. EnergySolutions Presentation

CONTACT: Maurice Heath, FSME/DWMEP
(301) 415-3137

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OFFICE	DWMEP	DWMEP	DWMEP	DWMEP
NAME	MHeath	AWalker-Smith	GSuber	MHeath
DATE	1/4/10	1/5/10	1/11/10	1/11/10

OFFICIAL RECORD COPY

A Summary of Meeting: Meeting between the U.S. Nuclear Regulatory Commission and
EnergySolutions on the Blending of Low-Level Waste

DATE: December 15, 2009

PLACE: U.S. Nuclear Regulatory Commission
Two White Flint North
11545 Rockville Pike, Room T-2B3
Rockville, MD 20852

BACKGROUND:

On May 12, 2009 EnergySolutions sent a letter to the U.S. Nuclear Regulatory Commission (NRC) regarding low-level waste policies. In this letter EnergySolutions provided views on a number of low-level radioactive waste (LLRW) topics for consideration by the Commission. On August 27, 2009 the NRC responded to the EnergySolutions letter. The practice of blending is not prohibited nor is it explicitly addressed by the NRC regulations. NRC specifically acknowledges in its guidance that blending of homogeneous wastes may be appropriate under certain conditions.

DISCUSSION:

Maurice Heath, of NRC, opened the meeting with a brief introduction to the project and described the protocol of a Category 2 public meeting. The meeting continued with presentations from Larry Camper, of NRC, and EnergySolutions. The presentations are attached as part of this meeting summary. The purpose of this meeting was to provide EnergySolutions an opportunity to explain their views on the blending of low-level waste.

The presentation from Larry Camper focused on four main topics: (1) the purpose and focus of the meeting; (2) background of the issue (3) current NRC Position on Blending and (4) NRC Chairman's Direction on the issue of blending.

The purpose of the meeting, as stated, was to provide and opportunity for EnergySolutions to explain their views on the blending of low-level waste. The focus of this meeting was for NRC to gather views on key issues on the blending of low-level waste (LLW). On October 8, 2009, NRC Chairman Gregory B. Jaczko directed the staff to prepare a vote paper for the Commission to consider issues related to blending of LLRW. The information gathered from this public meeting will assist the NRC staff in preparing the paper for the Commission.

EnergySolutions' presentation expressed their position on the blending of low-level waste. They stated that they believe blending is an important element of waste management strategy, provides dose reduction, improves operational efficiency, addresses the lack of disposal for Class B and C waste and it reduces interim storage of LLW. Their presentation stated that they believe current NRC guidance on blending is consciously addressed and clearly allowed. EnergySolutions also expressed that they believe blending does not result in classification change, concentration and quantity of waste when generated is not relevant and only relevant for disposal. They also stated that the approach complies with 10 CFR Part 61 performance objectives.

List of Meeting Attendees

DATE: December 15, 2009

MEETING: NRC Public Meeting with EnergySolutions

NAME	ORGANIZATION
Maurice Heath	NRC
Nishka Devaser	NRC
Brad Mason	Studsvik
David McIntosh	Mayer Brown
Joseph DiCamillo	Studsvik
Lewis Johnson	Studsvik
Scott Kirk	WCS
A. C. Ridge	NRC
Steve Garry	NRC
David McIntyre	NRC
Sarah Anderson	Radwaste Monitor
Dan Schultheisz	EPA
Thomas Magette	<i>EnergySolutions</i>
Jim Lieberman	Talisman
Mark Ping	<i>EnergySolutions</i>
Mike Lee	NRC
Larry Camper	NRC
James Shaffner	NRC
Diane D'Arrigo	NIRS
John Greaves	Member of Public

