



UNITED STATES
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December 3, 1996

NOTE TO: John W. N. Hickey, Chief, LLDP Branch
Timothy C. Johnson, Leader, Materials Decommissioning Section, LLDP
Lawrence G. Bell, Leader, Facilities Decommissioning Section, LLDP

FROM: Jack Parrott, Project Scientist
Materials Decommissioning Section, LLDP

SUBJECT: MEETING WITH SCA SERVICES, INC., ON THE DECOMMISSIONING OF THE
HARTLEY AND HARTLEY LANDFILL

On November 6, 1996, Tim Johnson and I met with Tom Kern of SCA Services, Inc. (SCA), and others (see attached sign-up sheet) to discuss the decommissioning of the Hartley and Hartley Landfill SDMP site in Midland, Michigan. This note summarizes the meeting and identifies specific action items.

The first topic was the status of the Remedial Investigation/Feasibility Study activities being conducted under the authority of the Michigan Department of Environmental Quality (MDEQ). The final field effort was completed in August of this year. SCA expects to submit a draft report of the remedial investigation to MDEQ by the end of the year.

In the second topic, the status of the SDMP investigations was discussed. SCA completed the intrusive investigations and issued a report in June of this year. The investigations did not detect any of the thorium waste that was characterized by an Oak Ridge Associated University (ORAU) survey of the site in the early 1980s. The ORAU survey was done before the waste was encapsulated. SCA reviewed the ORAU report to better pinpoint the last known location of the thorium waste. Based on this information SCA is evaluating the possibility of submitting a site characterization workplan addendum to do additional intrusive characterization.

The third topic was SCA'S solicitation of NRC's views on the draft technical memorandum entitled, "Background Radionuclide Concentration Determination and Procedure for Statistical Comparison of Survey and Reference Radionuclide Data." NRC had no comment on the memorandum except to note that one on-site area sampled, the T-18 area, showed elevated readings of thorium and radium compared to the other on-site sample locations, but still below the unrestricted release guidelines for thorium.

The fourth topic discussed was the report from SCA entitled "Dose Calculations for the SCA/Hartley & Hartley Landfill Site Using the 1985 Oak Ridge Associated Universities (ORAU) Data." The conclusion of the report was that, for the scenarios modeled, the site is suitable for unrestricted release. However, the dose modeling assumed a restricted release scenario after decommissioning. NRC noted that the applicability of this type of scenario, versus a family farm scenario, depends on a final decision by the MDEQ as to the final closure and long-term management of this landfill. Related to this,

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Addressees

-2-

NRC mentioned the Commission Paper SECY-95-056, regarding deferral of regulatory oversight to EPA or State authority of sites contaminated with both hazardous and radioactive waste, as being potentially applicable to the situation at the SCA/Hartley & Hartley Landfill site. It was also suggested that the licensee use PG-8-03 as guidance for any further dose modelling done on this site.

The fifth topic was the removal of the above ground piles. The next step is to characterize the waste (for radioactive and hazardous constituents) for shipment to a waste facility (Barnwell or Envirocare). This will likely occur in December. NRC staff reminded SCA that they are already authorized to conduct this work under their current license.

Finally, the group discussed the possible scenarios for removing all or some of the waste from the site and terminating the license. NRC stated that a license amendment would be needed for removal of waste and for approval of the final survey design and release criteria.

The action from this meeting is as follows:

1. The area of sample location T-18 will be further characterized in conjunction with the further characterization activities at the site.
2. NRC will supply the licensee with copies of PG-8-08 and SECY-95-056.
3. SCA would shortly be submitting a workplan addendum for further characterization at the site.

Attachment: As stated

cc: SCA distribution list

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Meeting between NRC and SCA Services, Inc. regarding the
decommissioning of the Hartley and Hartley Landfill

Meeting held at NRC headquarters, November 6, 1996

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Jim Foerney	SCA SERVICES	(313) 462-6961
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Tom Duval	INTERA Inc	(505) 246-1600
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Jack Parrott	NRC	(301) 415-6700
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