

FINAL

[These ISCORS subcommittee meeting summaries result from interagency discussions. The Sewage Subcommittee is composed of representatives from the Environmental Protection Agency, the Nuclear Regulatory Commission, the Department of Defense, the Department of Energy, the State of New Jersey, and two Publicly Owned Treatment Works. The Subcommittee summaries have not been approved by the respective agencies and organizations and do not represent the official position of any participating organizations at this time.]

ISCORS SEWAGE SLUDGE SUBCOMMITTEE: JANUARY 20, 2000, MEETING SUMMARY

DATE: January 20, 2000

TIME: 0900-1300

LOCATION: DOE/HQ
Room 2E069
Washington, DC

ATTENDEES: DOE: Jim Bachmaier, Judy Odoulamy
EPA: Robert Bastian, Mark Doehnert, Dale Hoffmeyer, Loren Setlow Behram Shroff
EPA/NAREL: Dave Saunders
NRC: Mary Thomas, Rosemary Hogan, Duane Schmidt
NRC contractor: Dale Condra
POTW: Thomas Lenhart

AGENDA: General Issues
- New NRC Co-chair
- Landfill Alarms
- ISCORS Webpage
Survey
- Missing POTWs
- Data Management/Analyses
- LANL Interface
- October Data Review
Guidance Document
Dose Modeling

SUMMARY:

GENERAL ISSUES

- This will be Mary Thomas' last Subcommittee meeting before her 6-month detail to Chicago.
- Rosemary Hogan will take over for Mary as the NRC Co-chair.
- Bob Bastian provided copies of information from Pennsylvania about problems facing a POTW when landfill alarms lead to rejection of sewage sludge by the landfills and a proposal to

use EPA's drinking water standards to limit land application of sewage sludge with measurable radioactive materials.

- The Subcommittee discussed the need to check on the status of the ISCORS webpage and to provide the materials previously identified for the Subcommittee (i.e., the finalized meeting summaries, final report on the nine test sites, list of POTWs that received the survey questionnaire, general writeup from the December 1999 document and public meeting overheads. Duane Schmidt and Rosemary Hogan are to check on the status of the webpage and who the materials are to be submitted to.
- Bob Bastian noted that a conference call involving the ISCORS Committee principals and Subcommittee chairs has been scheduled for February 15, 2000. This is when he will seek approval to issue the Revised Draft Guidance Document for public comment.

SURVEY:

Missing POTWs: Several POTWs selected to receive sampling kits have not replied to telephone calls from the labs. Bob Bastian agreed to follow-up on the status of these facilities.

Data Management/Analyses: The Subcommittee discussed the flow of survey data from ORISE and NAREL to the Los Alamos Lab (LANL) and verified that the data sets from the nine test sites had been successfully sent to LANL. The need to develop a survey data management plan to supplement the Lab's QAPP was discussed. The plan would help identify the types of queries that would be run on the data (e.g., sorting by licensee type, high NORM, flow rate, drinking water residuals received, landfill leachates/Superfund site discharges received, etc.) and the QA/QC for these operations. The data management plan would also help to guide LANL in their efforts to support the Subcommittee's evaluation of the survey data. Jim Bachmaier agreed to serve as a focal point for gathering the Subcommittee's ideas on the types of analyses to be conducted as input for the data management plan, while Mark Doehner agreed to help assure that adequate QA/QC procedures are included.

LANL INTERFACE: The Subcommittee discussed the need to clarify the role that LANL will plan in analyzing and summarizing the full survey data. Rosemary Hogan and Duane Schmidt agreed to clarify what LANL resources and capabilities will be available to the Subcommittee and to involve Bob Bastian in discussions with the LANL project managers to help clarify LANL's role in the survey effort.

October Data Review: The Subcommittee reviewed the data previously e-mailed to everyone on the initial sample results in an attempt to identify any outliers or other data problems that need further clarification by the labs.

GUIDANCE DOCUMENT:

The Subcommittee completed the group review and editing process for the Revised Draft Guidance Document. Duane Schmidt agreed to e-mail out the final revisions by the end of the week so that the Subcommittee members can provide him with the materials they agreed to supply for preparing the final revised document. Bob Bastian emphasized the need to get the final revised document to the ISCORS members by the end of next week to give them time for their review before their conference call now scheduled for February 15, 2000. It is also important for the Subcommittee members to clear the document with their managers before the conference call occurs.

DOSE MODELING:

Dale Hoffmeyer planned to meet with the Dose Modeling Workgroup following the Subcommittee meeting to continue work on the dose-modeling protocol document. He noted that the SAB meeting at which the basic components of the document will be presented and discussed has been scheduled for early April 2000. Bob Bastian emphasized that he and Dale need to be ready to brief the full ISCORS Committee at their next meeting in March 2000 on the dose modeling document and to seek their input on any unresolved issues.

ACTION ITEMS:

Bob Bastian will seek ISCORS approval to issue the Revised Draft Guidance Document for public comment at the conference call scheduled for February 15, 2000.

Bob Bastian will follow-up on the status of two POTWs selected for the survey that have not replied to the Lab's telephone calls.

Jim Bachmaier will serve as a focal point for gathering ideas for the data management plan to supplement the survey QAPP.

Mark Doehnert will continue to emphasize QA/QC issues for the data management plan.

Rosemary Hogan and Duane Schmidt will clarify what LANL resources and capabilities are available to assist the Subcommittee efforts and their role in evaluating the survey data.

Duane Schmidt agreed to e-mail out the final revised guidance document revisions by the end of the week and compile the final document incorporating everyone's input materials to be sent to the ISCORS members.

Dale Hoffmeyer and Bob Bastian will be prepared to brief the ISCORS Committee on the dose modeling protocol document at their next meeting in March 2000.