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JUL 20 1982

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JBMartin
REBrowning
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Return to
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WMLL: 427.23

MEMORANDUM FOR: Edward F. Hawkins, Section Leader
Low-Level Waste Licensing Branch
Division of Waste Management

FROM: R. John Starmer
Low-Level Waste Licensing Branch
Division of Waste Management

Maxine M. Dunkelman
Low-Level Waste Licensing Branch
Division of Waste Management

SUBJECT: JOINT AEG-ASCE SYMPSOIIUM ON HAZARDOUS WASTE DISPOSAL:
SITE ELEVATION, DESIGN, AND MONITORING, TRIP REPORT

Date of Meeting: May 14, 1982

Place of Meeting: International Hotel, B-W International Airport,
Baltimore, Maryland

Purpose: To establish contact with and learn from persons technically
involved in hazardous waste disposal.

Attendees: See Attachment A.

Summary: Two papers presented basics and some important considerations
for construction of monitoring wells. Of particular interest to WM is
the agreement of both speakers that monitoring wells should be gravel
packed and that the area of interest should be well defined. The area
to be sampled should be small enough not to cause problems with
dilution. An interesting non-radiological example was a CCl₄ spill which
sank to the bottom of the aquifer. USGS evidence at Sheffield suggests
that tritiated water "floats" at the top of the aquifer, or at least that
mixing is not rapid downward.

One paper, by Dr. Amir Metry, presented case histories of various
remedial action programs that Weston Environmental Consultants had
undertaken or were planning. Of interest to WM was a remedial action
project related to UMTRAP. An on-site burial ground is proposed which
bears a great deal of similarity to staff conceptual designs for waste
facilities. The design includes a layered, wick effect cap, semi-permeable
liner and something we can't always achieve, a compacted fill to minimize
subsidence. Dr. Metry expressed some interest in visiting NRC to discuss
areas of interest and can be reached at (215) 692-3030.

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The Army Environmental Hygiene Agency presented the preliminary results of three of their monitoring and characterization activities. Their work is somewhat rudimentary but based on sound principles. It shows that EPA's one upgradient and three down-gradient well approach is often only enough to identify a problem but not enough to characterize the problem. This situation is similar to that at Sheffield. The agency is located at Aberdeen Proving Ground and it might be beneficial to visit there. A contact there is Mr. Gary Nemeth, (301)-671-2024.

Mr. David Miller, a principal of Geraghty and Miller, spoke about a "petroleum product" spill in Brooklyn, NY. The only thing of interest is that the spill took place in the 1930's or 1940's and was only discovered in the middle 1970's. The product is being skimmed off the top and refined.

Original Signed By

R. John Starmer
Low-Level Waste Licensing Branch
Division of Waste Management

Original Signed By

Maxine M. Dunkelman
Low-Level Waste Licensing Branch
Division of Waste Management

Enclosure:
As stated

OFFICE	WMLL <i>MMD</i>	WMLL <i>RJS</i>					
SURNAME	MMDunkelman	RJStarmer					
DATE	7/19/82	7/20/82					

8th ANNUAL AEG-ASCE SYMPOSIUM
HAZARDOUS WASTE DISPOSAL - SITE EVALUATION,
DESIGN, AND MONITORING

List of Pre-Registrants

ALLEN, Alice
ANUSZEWSKI, Christine

BALLANTYNE, John
BALONE, Steve
BASKIN, Leon
BAYHA, David C.
BEACH, Gary
BEARD, Brian
BENSON III, Bob C.
BHATT, Bharat
BLODNIKAR, Robert
BRIGGS II, Robert P.
BROSS, Jeffrey
BRYAN, John F.
Byer Jr., Robert M.

CARNES, William
CARTER, Larry D.
CASSIDY, John P.
CHAPELLE, Adrian
CHAR, Michael L.
COOK, Barbara
CRONIN, Bob
CUTCLIFFE, William E.

DALTON, Edward
D'AMATO, Paul
DAVIS, George H.
DEBUCHANANNE, George D.

DETMAN, Douglas T.
DIAZ, James
DIVINEY, Jack
DUNKELMAN, Maxine

EARL, Tom
ELLIOTT, Glen K.
EVERETT, Edward E.

FOWLER, John W.
FRANSWICK, William E.

GARRISON, Steve
GATES, Lt. William
GRAVES, Lawrence

HAINLEY, James D.
HARDIN, Jack
HARDY, Rixby
HART, Peter
HAYES, Joe R.
HENRY, James F.
HILL, J. Gregory
HUBER, Michael
HUDAK, Joseph D.
HUMPHREVILLE, James
HUNTER, Wayne

List of Pre-Registrants

JACKSON, Donald A.
JIN, Dr. J. Scott
JOHNSON, Larry K.
JONES, Steve

KEENE, Terry
KIGHT, Steve

LECK, Scott M.
LUCY, Carol
LUNDY, Don A.

MAHON, Jeffrey S.
Makeig, Kathryn
MARSHALL, John P.
MARTIN, Dr. Bruce D.
McBRIDE, Mark
McGLINEY, Dorothy A.
MEISER Jr., Edgar
MENDENHALL, Ralph L.
METRY, Dr. Amir A.
MIDDLETON, Dennis
MILLER, David W.
MILLER, Robert B.
MILLER III, William J.
MILLS, Tom
MONCURE, Robert
MOREY, Mark
MOSHER, Bill
MOYNAHON, Tom
MUNGER-KOHN, Virginia

NAUMAN, Douglas
NEMETH, Gary

OMELCHENKO, Victor
OTTON, Edmond G.

PEFFER, Jeffrey R.
PENNINGTON, Dennis
PTAK, Francis L.

RAFAELI, David
REBUCK, Ernest C.
RICHARDSON, Claire A.
RICHARDSON, Dr. Gregory
RICHARDS, James
RICHTERS, Gunars
RIDDLE, Douglas
ROBELEN, Peter G.

SANDERS, Robert
SCHANK, Gregory F.
SCHORR, J.O.
SELI, James
SENANAYAKE, Shantini
SGAMBAT, Jeffrey
SHIGLEY, Phyllis
SIEGRIST, Marie
SMITH, Chandler
SMITH, Cleason P.
SOOD, D.K.
STARMER, Robert J.
STEVENS, William

TAIWO, B.A.
THOMPSON, Richard
THORNTON, John S.

UDWARI, Josef
VOYKIN, Dale P.
WHITE, Lawrence
WYMER, Tom