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Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy



110246

93 . 829

Department of Energy

Oak Ridge Field Office
P.O. Box 2001
Oak Ridge, Tennessee 37831—8723

October 29, 1993

Mr. Jeffrey Gratz
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
Jacob K. Javits Federal Building
New York, New York 10278

Dear Mr. Gratz:

MAYWOOD AND WAYNE SITES - TRANSMITTAL OF QUARTERLY REPORTS

This letter transmits the quarterly reports for the Maywood and Wayne sites as required by Section XX(A) of the Federal Facility Agreement for each site. If you have any questions or need additional information, please contact me at (615) 576-5724.

Sincerely,

A handwritten signature in cursive script that reads "Susan M. Cange".

Susan M. Cange, Site Manager
Former Sites Restoration Division

Enclosure

QUARTERLY REPORT FOR THE MAYWOOD SITE
FEDERAL FACILITY AGREEMENT REQUIREMENT XX(A)

Reporting Period: 7/1/93 - 9/30/93
Report Date: October 29, 1993

I. GENERAL INFORMATION

DOE and EPA Region II met on August 3 at EPA's office in New York to discuss the dispute regarding soil cleanup criteria. The DOE Statement of Position was delivered to the Dispute Resolution Committee on July 21. This dispute is discussed further in Section VI, ISSUES/RESOLUTIONS.

On September 28, an information session was held at the Maywood Public Information Center. The topic was the results of the Environmental Monitoring Program for calendar year 1992. Approximately 12 people attended the session.

On September 29, a site tour was conducted for Robert Meyer, a Maywood resident, and Chris Neidenberg, a reporter for the Shopper News.

On October 5, a site tour was conducted for EPA representatives from Headquarters and Region II.

II. FFA COMPLIANCE

The quarterly report was sent to EPA on July 27 in accordance with section XX(A) of the FFA.

The bi-monthly project managers meeting was held on August 3 in accordance with Section XIV(E) of the FFA.

III. ON-SITE ACTIVITIES

A joint groundwater sampling event with Stephan Chemical Company was performed during July. This event included the sampling of 22 wells, including the four wells recently installed at MISS. Results from this coordinated sampling event will be forwarded to EPA in November 1993.

Radon flux monitoring for NESHAPS compliance was performed the week of July 12. These results are attached to this Quarterly FFA Report and have also been forwarded to Mr. Paul Giardina, EPA Region II.

IV. ENVIRONMENTAL DOCUMENTATION

The draft final Feasibility Study/Proposed Plan is on hold. Approval of this document and release to the public is delayed pending resolution of the dispute governing cleanup criteria with EPA.

V. PLANNED SIGNIFICANT EVENTS

Environmental monitoring of direct gamma radiation and radon/thoron at MISS will be performed during October 1993.

Radon flux monitoring and pile cover integrity tests will be performed on the MISS pile during November 1993.

VI. ISSUES/RESOLUTIONS

On July 21, DOE submitted its Statement of Position regarding the dispute over soil cleanup criteria. On August 3, DOE and EPA Region II met in New York to discuss possible resolutions for the dispute. During the quarter, discussions focused on DOE's risk calculations to show the protectiveness of the 5/15 pCi/g criteria. Because a resolution could not be agreed upon, the dispute was elevated on September 14 to the Senior Executive Committee (SEC). On September 30, DOE provided the SEC with a revised statement of position which included a benefit/cost analysis. The analysis indicated that by changing the subsurface cleanup criteria from 15 pCi/g to 5 pCi/g the likelihood of contracting cancer is estimated to be reduced by approximately 0.2 cancers over a 200 year period. The corresponding cost per health effect avoided is estimated at \$200-700 million. The SEC has until October 5 to reach agreement, after which EPA will render its decision. DOE has 21 days from receipt of the decision to elevate the dispute to the EPA administrator.

110246

ALBUQUERQUE LABORATORY

CUSTOMER
ATTENTION
ADDRESS
CITY
W.O. NO.

Bechtel National, Inc. - MISS Storage Pile
Bruce Coomer
P.O. Box 350
Oak Ridge, TN. 37831-0350
087



TYPE OF ANALYSIS

Radon Flux

CUSTOMER ORDER NUMBER

SAMPLES RECEIVED

7/26/93

Customer
IdentificationDate
CollectedType of
Analysis

Date Analyzed

pCi/M²/sec

138-RF-M1	07/14-07/15/93	Rn-222	07/19/93	0.20±0.07	
138-RF-M2	07/14-07/15/93	Rn-222	07/19/93	0.19±0.07	
138-RF-M3	07/14-07/15/93	Rn-222	07/19/93	0.22±0.07	
138-RF-M4	07/14-07/15/93	Rn-222	07/19/93	0.18±0.07	
138-RF-M5	07/14-07/15/93	Rn-222	07/19/93	0.17±0.07	
138-RF-M6	07/14-07/15/93	Rn-222	07/19/93	0.21±0.07	
138-RF-M7	07/14-07/15/93	Rn-222	07/19/93	0.19±0.07	
138-RF-M8	07/14-07/15/93	Rn-222	07/19/93	0.21±0.07	
138-RF-M9	07/14-07/15/93	Rn-222	07/19/93	0.20±0.07	
138-RF-M10	07/14-07/15/93	Rn-222	07/19/93	0.15±0.07	
138-RF-M11	07/14-07/15/93	Rn-222	07/19/93	0.08±0.06	
138-RF-M12	07/14-07/15/93	Rn-222	07/19/93	0.17±0.07	
138-RF-M13	07/14-07/15/93	Rn-222	07/19/93	0.17±0.07	
138-RF-M14	07/14-07/15/93	Rn-222	07/19/93	0.22±0.07	
138-RF-M14	07/14-07/15/93	Rn-222	07/19/93	0.19±0.07	QC
138-RF-M15	07/14-07/15/93	Rn-222	07/19/93	0.17±0.07	
138-RF-M16	07/14-07/15/93	Rn-222	07/19/93	0.14±0.07	
138-RF-M17	07/14-07/15/93	Rn-222	07/19/93	0.15±0.07	
138-RF-M18	07/14-07/15/93	Rn-222	07/19/93	0.11±0.07	
138-RF-M19	07/14-07/15/93	Rn-222	07/19/93	0.18±0.07	

 REPORTED VIA TELEPHONE

PAGE 1 OF 2 PAGE

MA Eberline
Thermo Analytical Inc.

2021 PAN AMERICAN FREEWAY, N.E.
ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 345-3461

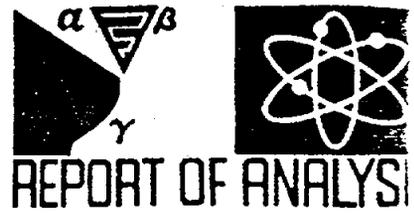
APPROVED BY

Bruce Coomer 7/28/93

DATE

CUSTOMER
ATTENTION
ADDRESS
CITY
W.O. NO.

Bechtel National, Inc. - MISS Storage Pile
Bruce Coomer
P.O. Box 350
Oak Ridge, TN. 37831-0350
087



TYPE OF ANALYSIS

Radon Flux

CUSTOMER ORDER NUMBER

SAMPLES RECEIVED

7/26/93

Customer Identification	Date Collected	Type of Analysis	Date Analyzed	pCi/M ² /sec	
138-RF-M20	07/14-07/15/93	Rn-222	07/19/93	0.10±0.07	
138-RF-M20	07/14-07/15/93	Rn-222	07/19/93	0.10±0.07	QC
138-RF-M21	07/14-07/15/93	Rn-222	07/19/93	0.15±0.07	
138-RF-M22	07/14-07/15/93	Rn-222	07/19/93	0.14±0.07	
138-RF-M23	07/14-07/15/93	Rn-222	07/19/93	0.16±0.07	
138-RF-M24	07/14-07/15/93	Rn-222	07/19/93	0.16±0.07	
138-RF-M25	07/14-07/15/93	Rn-222	07/19/93	0.15±0.07	
138-RF-M26	07/14-07/15/93	Rn-222	07/19/93	0.17±0.07	
138-RF-M27	07/14-07/15/93	Rn-222	07/19/93	0.18±0.07	
138-RF-M28	07/14-07/15/93	Rn-222	07/19/93	0.13±0.07	
138-RF-M28	07/14-07/15/93	Rn-222	07/19/93	0.14±0.07	QC
138-RF-M29	07/14-07/15/93	Rn-222	07/19/93	0.15±0.07	
138-RF-M30	07/14-07/15/93	Rn-222	07/19/93	0.17±0.07	

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PAGE 2 OF 2 PAGE

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APPROVED BY

Bruce Coomer 7/28/93

DA