

August 1, 2002

Phillip M. Mazor
Remedial Projects Manager
Waste Management, Inc. Midwest
Mideast Region
700 56th Avenue
Zeeland, MI 49464

Dear Mr. Mazor:

As a result of the inspection conducted on July 22, 2002, with continued NRC in-office review through July 31, 2002, the enclosed NRC Form 591X, SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION, has been issued for License No. SUC-1555. You will note that this form indicates that no violation was identified. It is not necessary that you acknowledge receipt of this form.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the *Publicly Available Records (PARS) component of NRC's document system (ADAMS)*. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

I wish to express my appreciation for the cooperation extended to Mr. Kulzer during the inspection.

Sincerely,

/RA/

Christopher G. Miller, Chief
Decommissioning Branch

Docket No. 040-09022
License No. SUC-1555

Enclosure: NRC Form 591X

bcc wiencl: PUBLIC IE-07

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OFFICE	RIII	<input checked="" type="checkbox"/>	RIII	<input checked="" type="checkbox"/>			
NAME	Kulzer:js		Miller <i>M</i>				
DATE	08/ /02		08/ /02				

OFFICIAL RECORD COPY

(5-2002)
10 CFR 2.201

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Waste Management 2370 Two Mile Road Bay County, MI REPORT NUMBER(S) 040009022/2002-001		2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 801 WARRENVILLE ROAD LISLE IL 60532-4351	
3. DOCKET NUMBER(S) 04009022	4. LICENSE NUMBER(S) SUC-01555	5. DATE(S) OF INSPECTION July 22, 2002	
6. INSPECTION PROCEDURES USED IP 87104		7. INSPECTION FOCUS AREAS Posting & site maintenance	

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.
 _____ non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

STATEMENT OF CORRECTIVE ACTIONS

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE	Phil Mazor		
NRC INSPECTOR	Edward L. Kulzer	<i>E. L. Kulzer</i> <i>ELK 8/1/02</i>	07/30/2002

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Waste Management REPORT NUMBER(S) 040009022/2002-001		2. NRC/REGIONAL OFFICE REGION III			
3. DOCKET NUMBER(S) 04009022		4. LICENSE NUMBER(S) SUC-01555		5. DATE(S) OF INSPECTION July 22, 2002	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
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Main Office Inspection Next Inspection Date: _____

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

See Attached.

MATERIALS DECOMMISSIONING INSPECTION FIELD NOTES

FOR FACILITIES NEEDING SIGNIFICANT DECOMMISSIONING

EFFORT

Region_III

Inspection Report No.04009022/2002001

License No.SUC-01555(Terminated)

Docket No.040-00922(Terminated)

Licensee (Name & Address)Waste Management, Zeeland, MI.

Licensee Contact _Mr. Phillip Mazor Telephone No. 616.822.3031

Date of Last Inspection 8/15/01

Date of This Inspection 7/22/02

Date of Next Inspection 8/ /03

Type of Inspection: (x) Announced () Unannounced

(X) Routine () Special

() Initial Decomm. () Reinspection of Decomm.

Level of Inspection: (x) Normal () Reduced () Extended

Brief Description of Inspection Activities:

NRC inspectors toured the facility interior and outside land areas.

Brief Description of Findings and Action:

No findings.

Summary of Findings and Action:

(X) No violations cited, clear NRC Form 591 or regional letter issued

() Violation(s), clear NRC Form 591 issued

() Violation(s), regional letter issued

() Followup on previous violations

Inspector: E. L. Kuhn Date 8/1/02
(Signature)

Approved: C.G. Mill Date 8/1/02

1. SUMMARY OF DECOMMISSIONING STATUS

The checklist below is intended to provide, in a written outline format, summary documentation of the status of the licensee's facility in the decommissioning process. This documentation will be filed as part of the inspection report. The inspector should use this information to develop each inspection plan(s) for the various stages of decommissioning, namely, before dismantlement, during dismantlement and site remediation, and after site remediation.

- A. Licensee ceased operational program. (x) Y () N
- B. Required decommissioning financial assurance mechanisms in place. (X) Y () N
- C. Decommissioning Plan (DP) required. (x) Y () N
- D. Licensee final survey required. (x) Y () N
- E. NRC confirmatory survey required. (x) Y () N
- F. NRC closeout inspection required. (x) Y () N
- G. Licensee doing decommissioning planning and preparation before dismantlement. (x) Y () N
- H. Licensee actively remediating site. () Y (x) N
- I. Licensee completed site remediation. () Y (x) N

Description of Facility Status:

The NRC inspection of the site consisted of a walk over checking for on site security and proper posting. During the inspection, the NRC inspectors also checked the condition of the bore holes

made during characterization in 1999. Before the field inspection, NRC had a meeting to discuss the questions concerning the decommissioning plan required to be submitted. This meeting addressed questions from the contractor and from NRC. No work has been done this year. Areas where radwaste is stored have been properly posted and secured.

2. INSPECTION OF KEY DECOMMISSIONING ACTIVITIES

A. LICENSEE ACTIVITIES INSPECTED BEFORE DISMANTLEMENT

1. Licensed material used during operations has been removed from site. () Y (x) N
 2. Facility license conditions are in place and met by licensee. (X) Y () N
 3. Site security and control of contaminated material being maintained in compliance with 10 CFR 20.1801 and 20.1802. (x) Y () N
 4. Support systems and services (e.g., lighting, water supply) are in place. (x) Y () N
 5. Decommissioning schedules are consistent with timeliness requirements in 10 CFR 30.36, 40.42, and 70.38. (X) Y () N
 6. Licensee's recordkeeping is consistent with 10 CFR 30.35, 40.36, and 70.25. () Y () N
- Not Reviewed.
7. Financial assurance requirements are being maintained in accordance with 10 CFR 30.35, 40.36, and 70.25. (x) Y () N
- Not Reviewed
8. Licensee is conducting site characterization in accordance with applicable radiation protection procedures. (x) Y () N
 9. Construction of new site features (e.g., roads, rail spurs, staging areas, sediment control ponds) conforms to DP and does not compromise health and safety of workers and public. () Y () N
- Not Reviewed
10. Licensee activities conform to specific license conditions and licensee programs and procedures. (x) Y () N
 11. Other licensee activities: () Y () N

Basis for Findings:

Observation

**B. LICENSEE ACTIVITIES INSPECTED DURING DECONTAMINATION,
DISMANTLEMENT, AND SITE REMEDIATION**

This section has not been reviewed because no decommissioning, dismantlement or site remediation has taken place.

1. Site security and control of contaminated material being maintained in compliance with 10 CFR Part 20. (X) Y () N
2. Decontamination and dismantlement of structures are being performed consistent with DP and sound industry practice (structures include buildings, utilities, treatment lagoons, etc.). () Y () N
3. Decontamination and remediation of the following are being performed consistent with DP and sound industry practice:
 - a. Soil. () Y () N
4. Licensee release and disposal of decommissioning wastes are consistent with DP and approved by NRC for:
 - a. Solid wastes (e.g., building materials, process and other facility equipment, concrete rubble, soil). () Y () N
 - c. Other wastes: () Y () N

5. Temporary, on-site storage of low-level radioactive wastes from decommissioning meets license conditions and guidance in IP 84890. () Y () N

6. Packaging and shipment of radioactive waste materials meet requirements in 40 CFR Parts 173-178 and 10 CFR Part 71. () Y () N

7. Restoration of site - Licensee has restored site to meet license conditions and NRC-approved plans. Y N

8. Licensee survey of material and equipment for free release sufficient to demonstrate compliance with release criteria.

9. Other licensee activities: Y N

Basis for Findings:

C. LICENSEE ACTIVITIES INSPECTED AFTER COMPLETION OF SITE REMEDIATION

1. Licensee has submitted NRC Form 314 for disposition of licensed material in accordance with 10 CFR 30.36, 40.42, and 70.38. Y N

Not reviewed

2. Licensee's final survey program is acceptable (see Appendix B for inspection items for final surveys). Y N

Not reviewed

3. NRC confirmatory survey performed. Y N

Not reviewed

4. Site maintenance activities (if any, for restricted use) conform to license conditions and NRC-approved plans and are in place and functional. Y N

5. Other licensee activities: Y N

Basis for Findings:

Observation

3. INSPECTION OF STANDARD HEALTH AND SAFETY AREAS FROM THE OPERATIONAL INSPECTION PROGRAM

A. GENERAL OVERVIEW

1. Describe the licensee's decommissioning organizational structure:

Not Reviewed

2. Licensee is performing decommissioning activities in compliance with its approved DP. Y
 N

Not Reviewed

4. Licensee has implemented procedures for the decommissioning activities identified in the DP.
 Y N

Not Reviewed

5. The RSC and RSO fulfill license requirements to deal with all decommissioning activities.
Y N

Not Reviewed

Basis for Findings:

No work done this year.

B. FACILITIES

1. Describe, from field observation, the licensee-identified facilities and outdoor areas to be decommissioned:

Hazardous waste landfill has thorium buried in three locations. The main deposit is located in a cell with slurry walls and clay cap.

2. The licensee's remediation plan includes all the contaminated facilities and areas on-site and off-site. Y N

Not Reviewed

3. All essential systems and services (e.g., electrical power, water supply, communications systems) are in place and functional for the planned decommissioning activities. Y N

4. Licensee's emergency plan is in place and operative for the duration of decommissioning.
Y N

Not Reviewed

5. For complex sites needing site characterization, describe the key site characterization activities to be performed by the licensee to determine the nature and extent of contamination:

Not Reviewed

6. Licensee's characterization activities performed in conformance with good industry practice. () Y () N

Not Reviewed

Basis for Findings:

C. EQUIPMENT AND INSTRUMENTATION

1. Survey instruments are applicable to contaminants of interest. () Y () N

Not Reviewed

2. Use of survey instruments appropriate for site. () Y () N

Not Reviewed

Basis for Findings:

D. MATERIALS

1. Radioactive materials licensed during operations have been removed offsite; residual quantities conform to license conditions. () Y (x) N

2. Security and control of licensed materials, including contaminated areas, is being maintained. (X) Y () N

Basis for Findings:

Observation

E. TRAINING

1. Licensee has developed training program for new decommissioning activities (e.g., demolition of structures, excavation

of soil); program is adequate. () Y () N

Not Reviewed

2. Training program being effectively implemented. Y N

Not Reviewed

Basis for Findings:

F. AREA RADIATION SURVEYS AND CONTAMINATION CONTROL

1. Area surveys are being performed in areas being decommissioned. Y N

Not Reviewed

2. Where active remediation (e.g., demolition of structures, excavation of soil) is being performed, radiation levels in unrestricted areas do not exceed 2 mrem in any one hour. Y N

Not Reviewed

Basis for Findings:

No activity.

G. RADIATION PROTECTION

1. The licensee's approved health physics program is being implemented in the field for new decommissioning activities.

Y N

Not Reviewed

2. Site security and control of contaminated material are in compliance with 10 CFR 20.1801 and 20.1802. Y N

Basis for Findings:

Observation

H. RADIOACTIVE WASTE MANAGEMENT/EFFLUENTS/ENVIRONMENTAL MONITORING

1. Offsite disposal of decommissioning wastes conforms to free release criteria and disposal site

requirements. () Y () N

Not Reviewed

2. All new effluent releases conform to DP and applicable regulations. () Y () N

Not Reviewed

3. The licensee's environmental monitoring program is being implemented in conformance with the DP and all applicable limits are being met. () Y () N

Not Reviewed

4. Temporary storage/staging areas for radioactive wastes from building demolition, equipment dismantlement, soil excavation, etc., are adequately posted and protected. () Y () N

Not Reviewed

Basis for Findings:

I. RECORDKEEPING FOR DECOMMISSIONING

1. Copies of the licensee's decommissioning cost estimates and funding methods are on file. () Y () N

Not Reviewed

2. Licensee has adequate records for decommissioning activities performed (e.g., for decontamination and dismantlement of structures; decontamination and remediation of soil, sediment, surface waters, groundwater; surveys of remediated facilities). () Y () N

Not Reviewed

3. Licensee's financial assurance conforms with the financial assurance requirements of NRC-approved possession limits and NRC regulations. () Y () N

Not Reviewed

Basis for Findings:

J. TRANSPORTATION

1. Describe the licensee's program to package and ship decommissioning waste materials:

Not Reviewed

2. Licensee's program meets all applicable 10 CFR and 49 CFR requirements for marking labeling, placarding, and shipping paper requirements for radioactive waste shipments. () Y () N

Not Reviewed

Basis for Findings:

No waste shipped off site this year.

K. POSTING AND LABELING

1. All contaminated areas, waste processing areas, and waste handling areas are posted in conformance with regulations. (X) Y () N

2. Packaged radioactive waste materials are labeled in accordance with regulations. () Y () N

Not Reviewed

Basis for Findings:

Observation

L. OCCUPATIONAL HEALTH AND SAFETY

1. Describe the occupational health and safety observations made at the licensee's facilities:

Not Reviewed

2. Licensee and Occupational Safety and Health Administration were informed of occupational health and safety issues

observed during the inspection. () Y () N

Not Reviewed

Basis for Findings:

4. VIOLATIONS, NON-CITED VIOLATIONS, FOLLOWUP ITEMS, AND OTHER ISSUES

Briefly state (1) the requirements and (2) how and when the licensee violated the requirement. For non-cited violations, indicate why the violation was not cited. Briefly describe followup items and other issues.