

APPENDIX R

JOINT INSPECTIONS BY CRSO AND ENGINEER

SURVEILLANCE FORM
EC-98006, Revision 0

page 1 of 3

SECTION A: SURVEILLANCE INITIATION

Source Detail:

- Type: Management Surveillance Independent Surveillance
Interval: Periodic Surveillance Annual Review Surveillance

 Unplanned Surveillance

Identification:

Surveillance Number: 0001-023 Surveillance Title: CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.

Surveillance Subject Area (Purpose): Monthly site tour and annual SOP review

Discovery:

Surveillance Date(s): January 25, 2000 Facility, Process, Department: Facility

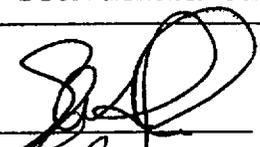
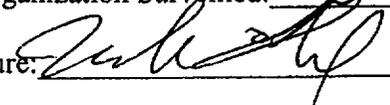
Requirements Reference: (Procedure, Standard, Permit, License)

U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3

Surveillance Scope: (Selected Requirement Elements)

- 1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days.
- 2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.

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SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u> Mark Ledoux, CRSO; Tye Rogers, SRSO; Dave Comstock, Site Engineer	<u>Personnel Contacted:</u> _____ _____
<u>Surveillance Results:</u> Attached	
<u>Surveillance Results Status:</u> <input checked="" type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action	
<u>Corrective Action:</u> Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No NCR Number and Subject: _____ Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No AR Number and Subject: _____	
SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u> Management of Organization Surveilled:  Date: 2/19/00 ORG: OP'S Surveillant Signature:  Date: 2-4-00 ORG: HP	

1) 11e.(2) Tour:

- a) Site was basically shut down due to rain event.
- b) Due to season, the placement of radon barrier has probably stopped till spring.

2) 11e.(2) Activities:

- a) South lift- placing winter blanket to top of waste.
- b) The new west cell is operational.

3) Procedure Review

N/A

4) Miscellaneous

N/A

5) License review-

- a) License Condition 2- no comments

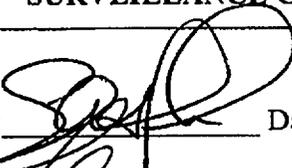
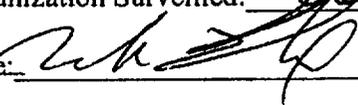
Cc:

Ken Alkema
Al Rafati
Paul Larsen
Allan Erichsen
Wayne Johns
Jeff Gardner
Tye Rogers
Treesa Parker (SERP)

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SECTION A:	SURVEILLANCE INITIATION
<p><u>Source Detail:</u></p> <p>Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance</p> <p>Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance</p> <p> <input type="checkbox"/> Unplanned Surveillance</p>	
<p><u>Identification:</u></p> <p>Surveillance Number: <u>0002-019</u> Surveillance Title: <u>CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.</u></p> <p>Surveillance Subject Area (Purpose): <u>Monthly site tour and annual SOP review</u></p>	
<p><u>Discovery:</u></p> <p>Surveillance Date(s): <u>February 15, 2000</u> Facility, Process, Department: <u>Facility</u></p>	
<p><u>Requirements Reference:</u> (Procedure, Standard, Permit, License)</p> <p>U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3</p>	
<p><u>Surveillance Scope:</u> (Selected Requirement Elements)</p> <p>1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days.</p> <p>2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.</p>	

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SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u> Mark Ledoux, CRSO; Tye Rogers, SRSO Dave Comstock, Site Engineer	<u>Personnel Contacted:</u> _____ _____
<u>Surveillance Results:</u> Attached	
<u>Surveillance Results Status:</u> <input checked="" type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action	
<u>Corrective Action:</u> Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No NCR Number and Subject: ____ Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No AR Number and Subject:	
SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u> Management of Organization Surveilled:  Date: 2/24/00 ORG: Ops Surveillant Signature:  Date: 2-22-00 ORG: HP	

0002-019

1) 11e.(2) Tour:

a) Discussed with the Site Engineer during tour:

1. Open cell space, radon cover and surety
2. Environmental Air Station # 12 and its relationship to the 25/75/25 mrem dose limit at the Restricted area boundary.
3. Adding layer of clean fill to cell side slopes to reduce affect on effluent concentration limits (ECL's).

b) Environmental Air Station # 11 is operating satisfactorily since flooding event.

2) 11e.(2) Activities:

- a) Most waste operations stopped due to rain.
- b) Removal of rain water in progress.

3) Procedure Review

N/A

4) Miscellaneous

N/A

5) License review-

- a) License Condition 3- Verified with Dave Moir, Document Control, that the current amendment is # 21.

Cc:

Ken Alkema
Al Rafati
Paul Larsen
Allan Erichsen
Wayne Johns
Jeff Gardner
Tye Rogers

Bob English
Teresa Parker (SERP)

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~~SHEET 4 OF 4~~

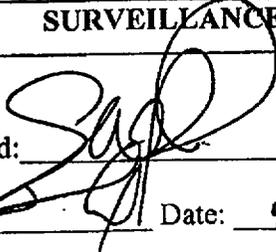
ORIGINAL

SURVEILLANCE FORM
EC-98006, Revision 0

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SECTION A:	SURVEILLANCE INITIATION
<u>Source Detail:</u> Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance <input type="checkbox"/> Unplanned Surveillance	
<u>Identification:</u> Surveillance Number: <u>0003-025</u> Surveillance Title: <u>CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.</u> Surveillance Subject Area (Purpose): <u>Monthly site tour and annual SOP review</u>	
<u>Discovery:</u> Surveillance Date(s): <u>March 28, 2000</u> Facility, Process, Department: <u>Facility</u>	
<u>Requirements Reference:</u> (Procedure, Standard, Permit, License) U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3	
<u>Surveillance Scope:</u> (Selected Requirement Elements) 1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days. 2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.	

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SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u> Mark Ledoux, CRSO Dave Comstock, Site Engineer	<u>Personnel Contacted:</u> _____ _____
<u>Surveillance Results:</u> Attached	
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SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u> Management of Organization Surveilled:  Date: 4/26/00 ORG: ops Surveillant Signature:  Date: 4-13-00 ORG: HP	

1) 11e.(2) Tour:

- a) Placing radon barrier on the south and southeast side of cell.
- b) Completing foundation south of cell to allow for modification to south face slope.
- c) Generator 659 north lift near top of waste.
- d) Waste placement on west lift.
- e) Generator 659 lift needs ramp water diversion ditch repaired. **This was repaired on March 29, 2000.**
- f) With the exception of Item (e), all berms and snow fences are adequate.

2) 11e.(2) Activities:

Routine disposal operations

3) Procedure Review

N/A

4) Miscellaneous

N/A

5) License review-

- a) License Condition 4- No comments

Cc:

Ken Alkema
Al Rafati
Paul Larsen
Allan Erichsen
Wayne Johns
Jeff Gardner
Tye Rogers
Bob English
Treesa Parker (SERP)

SECTION A: SURVEILLANCE INITIATION

Source Detail:

Type: Management Surveillance Independent Surveillance

Interval: Periodic Surveillance Annual Review Surveillance

Unplanned Surveillance

Identification:

Surveillance Number: 0004-029 Surveillance Title: CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.

Surveillance Subject Area (Purpose): Monthly site tour and annual SOP review

Discovery:

Surveillance Date(s): April 27, 2000 Facility, Process, Department: Facility

Requirements Reference: (Procedure, Standard, Permit, License)

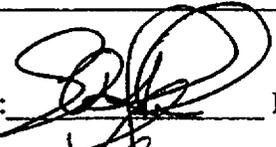
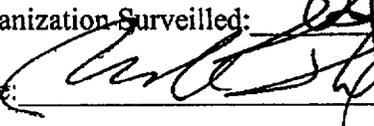
U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3

Surveillance Scope: (Selected Requirement Elements)

1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days.

2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.

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<u>Surveillance Personnel:</u> Mark Ledoux, CRSO Dave Comstock, Site Engineer	<u>Personnel Contacted:</u>
<u>Surveillance Results:</u> Attached	
<u>Surveillance Results Status:</u> <input checked="" type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action	
<u>Corrective Action:</u> Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No NCR Number and Subject: ____ Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No AR Number and Subject: _____	
SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u> Management of Organization Surveilled:  Date: 5/16/00 ORG: Ops Surveillant Signature:  Date: 5-11-00 ORG: HP	

0004-029

1) 11e.(2) Tour:

- a) LARW Access Control housekeeping is excellent. The Respirator room was locked, controlled and organized. Visitor boots are available and issued by the Access Control technician.

2) 11e.(2) Activities:

- a) Radon barrier operations in progress on the east side of embankment.
- b) Routine disposal operations

3) Procedure Review

N/A

4) Miscellaneous

N/A

5) License review-

None

Cc:

Ken Alkema
Al Rafati
Paul Larsen
Allan Erichsen
Wayne Johns
Jeff Gardner
Tye Rogers
Bob English
Treesa Parker (SERP)

0004-029

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SECTION A:	SURVEILLANCE INITIATION
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<p><u>Identification:</u></p> <p>Surveillance Number: <u>0005-019</u> Surveillance Title: <u>CRSO Monthly 11e.(2) and Weekly LARW Inspection</u></p> <p>Surveillance Subject Area (Purpose): <u>Inspect facility operations affecting radiological safety.</u></p>	
<p><u>Discovery:</u></p> <p>Surveillance Date(s): <u>5/25/00</u> Facility, Process, Department: <u>Clive Facility</u></p>	
<p><u>Requirements Reference:</u> (Procedure, Standard, Permit, License)</p> <p>Utah Division of Radiation Control Radioactive Material License # UT 2300249, Condition 21 11e.(2) License #SMC-1559, Condition 11.3</p>	
<p><u>Surveillance Scope:</u> (Selected Requirement Elements)</p> <p>Perform and document weekly inspection of facility. Items for inspection include; operating procedures, license requirements, and safety practices.</p>	

SURVEILLANCE FORM
EC-98006, Revision 0

SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u> Vernon Andrews, Allan Erichsen David Comstock	<u>Personnel Contacted:</u> Tye Rogers, Shane Johanson, Jesse Garcia, Dave Tolbert
<u>Surveillance Results:</u> See Attached	
<u>Surveillance Results Status:</u> <input type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action	
<u>Corrective Action:</u> Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No NCR Number and Subject: _____ Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No AR Number and Subject: _____	
SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u> Management of Organization Surveilled: <u>Donna S. Don</u> Date: <u>7/18/00</u> ORG: <u>OPS</u> Surveillant Signature: <u>[Signature]</u> Date: <u>7/18/00</u> ORG: <u>DCRSO</u>	

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MEMORNADUM

Envirocare of Utah, Inc. Health Physics

Professional, Proactive and Problem-Solving

Date: June 14, 2000
To: Vernon Andrews
From: Allan Erichsen
cc: Tye Rogers
Jeff Gardner
Shane Johanson
Jesse Garcia
Dave Tolbert
Subject: CRSO Surveillance Report for the week of May 22 to May 28, 2000.

The CRSO inspection was performed on 5/25/2000 by the CRSO, SRSO, and the Site Engineer. Upon our discussion, the observations from this inspection have been included with observations from previous inspections.

The surveillance number assigned to this inspection is 0005-019.

Observations:

From surveillance number 0005-013,

Item #1: During the past inspections, respirators have been found in work areas exposed to sunlight and extreme temperatures. Upon interview with access control attendants, it was determined that the access control attendants do not ensure respirators are returned to the respirator room at the end of work shifts for proper storage.

In accordance with S&H-7.0, Respiratory Protection, 6.9 Respirator Storage, "respirators shall be stored to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals." Presently, the respirator program is not adequate to ensure proper storage of respirators. Action request 0005-013-01 will be issued for this item.

Status: No respirators were found in the work area. Procedures applicable to the respirator program are currently being reviewed and revised.

From surveillance number 0005-18,

Item #2: Employee postings to employees does not meet 10 CFR 19 and the 11e.(2) License Application requirements.

Status: The postings to employees have been corrected.

0005-019 SHEET 3 OF 4

From surveillance number 005-19,

Item #4: Certain work areas within the Controlled Area are lacking in good house keeping. These areas include the rail area and the Mixed Waste Cell Expansion construction area. It was noted by the inspectors that the house keeping at the waste storage areas was very good.

Status: The areas inside the restricted area have been cleaned. The Mixed Waste Cell Expansion construction area still has discarded liner material scattered throughout the area. The contractor has been notified.

Item#5: In the maintenance facility, contractor mechanics, without respiratory protection, were observed working on equipment that were not visually clean. While general Radiation Work Permits do not require mechanics to wear respiratory protection outside the cell areas, the potential for contamination of work areas and nuclide intake of workers increase when potentially contaminated equipment are not released.

Status: A revision to the release procedure will be made to include release of equipment within the restricted area for protection of mechanics in accordance with the ALARA policy.

SURVEILLANCE FORM
EC-98006, Revision 0

SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u> Vernon Andrews, Allan Erichsen <u>David Comstock, Site Engineer</u>	<u>Personnel Contacted:</u> Tye Rogers, Shane Johanson, <u>Jesse Garcia, Dave Tolbert</u>
<u>Surveillance Results:</u> See Attached	
<u>Surveillance Results Status:</u> <input type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action	
<u>Corrective Action:</u> Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No NCR Number and Subject: _____ Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No AR Number and Subject: _____	
SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u> Management of Organization Surveilled: <u>[Signature]</u> Date: <u>7/18/00</u> ORG: <u>CPB</u> Surveillant Signature: <u>[Signature]</u> Date: <u>7/18/00</u> ORG: <u>URS</u>	

MEMORNADUM

Envirocare of Utah, Inc. Health Physics

Professional, Proactive and Problem-Solving

Date: July 18, 2000

To: Vernon Andrews

From: Allan Erichsen

cc: Tye Rogers
Jeff Gardner
Shane Johanson
Jesse Garcia
Dave Tolbert

Subject: CRSO Weekly and Monthly Surveillance Report for the week of June 19 to June 25, 2000.

The CRSO inspection was performed on 6/22/2000 by the CRSO, SRSO, and the Site Engineer. Upon our discussion, the observations from this inspection have been included with observations from previous inspections.

The surveillance number assigned to this inspection is 0006-023.

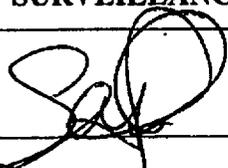
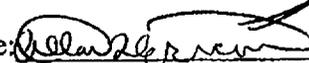
Observations:

The placement of 11e.(2) materials into lifts was observed. There is a concern of the amount of material not in approved lifts. As a reminder, all waste on the cell must be placed into lifts by August 1st.

SURVEILLANCE FORM
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SECTION A:	SURVEILLANCE INITIATION
<p><u>Source Detail:</u></p> <p>Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance</p> <p>Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance</p> <p> <input type="checkbox"/> Unplanned Surveillance</p>	
<p><u>Identification:</u></p> <p>Surveillance Number: <u>0007-021</u> Surveillance Title: <u>CRSO Monthly 11e.(2) and Weekly LARW Inspection</u></p> <p>Surveillance Subject Area (Purpose): <u>Inspect facility operations affecting radiological safety.</u></p>	
<p><u>Discovery:</u></p> <p>Surveillance Date(s): <u>7/28/00</u> Facility, Process, Department: <u>Clive Facility</u></p>	
<p><u>Requirements Reference:</u> (Procedure, Standard, Permit, License)</p> <p>Utah Division of Radiation Control Radioactive Material License # UT 2300249, Condition 21 11e.(2) License #SMC-1559, Condition 11.3</p>	
<p><u>Surveillance Scope:</u> (Selected Requirement Elements)</p> <p>Perform and document weekly inspection of facility. Items for inspection include; operating procedures, license requirements, and safety practices.</p>	

SURVEILLANCE FORM
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SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u> Vernon Andrews, Allan Erichsen David Comstock, Site Engineer	<u>Personnel Contacted:</u> Tye Rogers, Shane Johanson, Jesse Garcia, Dave Tolbert
<u>Surveillance Results:</u> See Attached	
<u>Surveillance Results Status:</u> <input checked="" type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action	
<u>Corrective Action:</u> Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No NCR Number and Subject: _____ Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No AR Number and Subject: _____	
SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u> Management of Organization Surveilled:  Date: 8/30/00 ORG: Ops Surveillant Signature:  Date: 8/30/00 ORG: DCEO	

MEMORNADUM

Envirocare of Utah, Inc.
Health Physics
Professional, Proactive and Problem-Solving

Date: August 24, 2000

To: Tye Rogers

From: Allan Erichsen

cc:

Subject: CRSO Weekly and Monthly Surveillance Report for the week of July 24 to July 30, 2000.

The CRSO inspection was performed on 7/28/2000 by the CRSO, SRSO, and the Site Engineer. No items of concern were identified during this inspection.

The surveillance number assigned to this inspection is 0007-021.

SECTION A:	SURVEILLANCE INITIATION
<p><u>Source Detail:</u></p> <p>Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance</p> <p>Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance</p> <p> <input type="checkbox"/> Unplanned Surveillance</p>	
<p><u>Identification:</u></p> <p>Surveillance Number: <u>0008-023</u> Surveillance Title: <u>CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.</u></p> <p>Surveillance Subject Area (Purpose): <u>Monthly site tour and annual SOP review</u></p>	
<p><u>Discovery:</u></p> <p>Surveillance Date(s): <u>Aug. 25, 2000</u> Facility, Process, Department: <u>Facility</u></p>	
<p><u>Requirements Reference:</u> (Procedure, Standard, Permit, License)</p> <p>U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3</p>	
<p><u>Surveillance Scope:</u> (Selected Requirement Elements)</p> <p>1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days.</p> <p>2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.</p>	

SURVEILLANCE FORM
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SECTION B:	SURVEILLANCE IMPLEMENTATION
<p><u>Surveillance Personnel:</u> <u>Personnel Contacted:</u></p> <p>Tye Rogers, Acting CRSO _____</p> <p>Jeff Havlicak, Site Engineer _____</p>	
<p><u>Surveillance Results:</u></p> <p>The St Louis waste has been dug from D17 top.</p> <p>The first lift of clay has been removed from D17 South. The clay will be stockpiled on the upper slope clay cover.</p> <p>The lower 1 foot of waste and all of the 4101 waste will be removed from this area and placed in H18.</p> <p>The St. Louis waste is getting close to the top 10 foot constraint. Engineering will evaluate the status of lifts H17 and H18 and report during the next inspection.</p> <p>Liner is being constructed in the ground water 38 well island area. This liner is expected to be completed during the 1st week of September.</p>	
<p><u>Surveillance Results Status:</u></p> <p><input checked="" type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action</p>	
<p><u>Corrective Action:</u></p> <p>Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>NCR Number and Subject: _____</p> <p>Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>AR Number and Subject: _____</p>	
SECTION C:	SURVEILLANCE COMPLETION
<p><u>Acknowledgement:</u></p> <p>Management of Organization Surveilled:  Date: <u>9/21/00</u> ORG: <u>Ops</u></p> <p>Surveillant Signature: <u>Tye Rogers</u> Date: <u>9/18/00</u> ORG: <u>HP</u></p>	

SECTION A:	SURVEILLANCE INITIATION
<p><u>Source Detail:</u></p> <p>Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance</p> <p>Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance</p> <p> <input type="checkbox"/> Unplanned Surveillance</p>	
<p><u>Identification:</u></p> <p>Surveillance Number: <u>0009-024</u> Surveillance Title: <u>CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.</u></p> <p>Surveillance Subject Area (Purpose): <u>Monthly site tour and annual SOP review</u></p>	
<p><u>Discovery:</u></p> <p>Surveillance Date(s): <u>September 20, 2000</u> Facility, Process, Department: <u>Facility</u></p>	
<p><u>Requirements Reference:</u> (Procedure, Standard, Permit, License)</p> <p>U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3</p>	
<p><u>Surveillance Scope:</u> (Selected Requirement Elements)</p> <p>1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days.</p> <p>2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.</p>	

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SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u>	<u>Personnel Contacted:</u>
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Jeff Havlicak, Site Engineer _____	_____
<u>Surveillance Results:</u>	
<p>Lift D17-south has been excavated to the base elevation documented on previous lift approval forms. All of the high rad 4101 waste has been removed to lift H14. The QC technicians are in the process of completing an elevation verification survey and moisture/density testing of the new base of D17-S. A shipment of low rad 4101 waste has been stockpiled on D17 and will be used to fill the D17-S excavation. The stockpiled waste will be surveyed by the end of this week to comply with the in-cell bulk storage requirements.</p> <p>Liner has been completed and approved on lift M-16, the former groundwater well island area. Placement of Kerr M. waste will be focused here to try and complete a N-S corridor for cover construction this year.</p> <p>There is an excavation directly south of the haul road to the current Kerr M lift which may be too close and too deep for compliance with ENG 9.1, the excavation procedures. Jeff/Tye will consult with Jeff Gardner to ensure compliance.</p> <p>No other issues or concerns were noted at the 11e.2 embankment</p>	
<u>Surveillance Results Status:</u>	
<input checked="" type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action	
<u>Corrective Action:</u>	
Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No NCR Number and Subject: _____ Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No AR Number and Subject: _____	
SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u>	
Management of Organization Surveilled: _____ Date: <u>10/19/00</u> ORG: <u>U.S.</u> Surveillant Signature: <u>Tye Rogers</u> Date: <u>10/20/00</u> ORG: <u>HP</u>	

**SURVEILLANCE FORM
EC-98006, Revision 0**

SECTION A:	SURVEILLANCE INITIATION
<u>Source Detail:</u> Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance <input type="checkbox"/> Unplanned Surveillance	
<u>Identification:</u> Surveillance Number: <u>0010-035</u> Surveillance Title: <u>CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.</u> Surveillance Subject Area (Purpose): <u>Monthly site tour and annual SOP review</u>	
<u>Discovery:</u> Surveillance Date(s): <u>October 27, 2000</u> Facility, Process, Department: <u>Facility</u>	
<u>Requirements Reference:</u> (Procedure, Standard, Permit, License) U.S.N.R.C Materials License# <u>SMC-1559, Conditions 9.8 and 11.3</u>	
<u>Surveillance Scope:</u> (Selected Requirement Elements) 1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days. 2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.	

SURVEILLANCE FORM
EC-98006, Revision 0

SECTION B:	SURVEILLANCE IMPLEMENTATION
<p><u>Surveillance Personnel:</u> <u>Personnel Contacted:</u></p> <p>Tye Rogers, Acting CRSO _____</p> <p>Reed Bangerter, QC Officer (Site Eng. Position is Vacant) _____</p>	
<p><u>Surveillance Results:</u></p> <p>Inspection included observing operations at the rollover, decon facilities and disposal operations on the cell. All operations observed were found to be in compliance with the license and regulations.</p>	
<p><u>Surveillance Results Status:</u></p> <p><input checked="" type="checkbox"/> Issues identified meet requirements <input type="checkbox"/> Issues identified require corrective action</p>	
<p><u>Corrective Action:</u></p> <p>Nonconformance Report (NCR) Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>NCR Number and Subject: _____</p> <p>Action Request Generated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>AR Number and Subject: _____</p>	
SECTION C:	SURVEILLANCE COMPLETION
<p><u>Acknowledgement:</u></p> <p>Management of Organization Surveilled: <u>Radchordson</u> Date: <u>11/7/00</u> ORG: <u>LARW</u></p> <p>Surveillant Signature: <u>Tye Rogers</u> Date: <u>11/10/00</u> ORG: <u>HP</u></p>	

**SURVEILLANCE FORM
EC-98006, Revision 0**

SECTION A:	SURVEILLANCE INITIATION
<u>Source Detail:</u> Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance <input type="checkbox"/> Unplanned Surveillance	
<u>Identification:</u> Surveillance Number: ^{0011-038 op-12/10/00} 0011-038 Surveillance Title: <u>CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.</u> Surveillance Subject Area (Purpose): <u>Monthly site tour and annual SOP review</u>	
<u>Discovery:</u> Surveillance Date(s): <u>Nov 28, 2000</u> Facility, Process, Department: <u>Facility</u>	
<u>Requirements Reference:</u> (Procedure, Standard, Permit, License) U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3	
<u>Surveillance Scope:</u> (Selected Requirement Elements) 1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days. 2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.	
Page 1 of 2	SHEET <u>1</u> OF <u>3</u>

SURVEILLANCE FORM
EC-98006, Revision 0

SECTION B:	SURVEILLANCE IMPLEMENTATION
<u>Surveillance Personnel:</u> Tye Rogers, Acting CRSO Shane Johanson, Site Engineer	<u>Personnel Contacted:</u> _____ _____
<u>Surveillance Results:</u> The St Louis waste has been dug from D17 top. Berm upgrades for site perimeter are in progress. 4101 waste is being placed on the south of the cell. The Site Engineer was reminded of the Th-230 concentration limits for the top ten feet.	

<u>Surveillance Results Status:</u>	
<input checked="" type="checkbox"/> Issues identified meet requirements	<input type="checkbox"/> Issues identified require corrective action
<u>Corrective Action:</u>	
Nonconformance Report (NCR) Generated	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
NCR Number and Subject: _____	
Action Request Generated	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
AR Number and Subject: _____	

SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u>	
Management of Organization Surveilled: <u>Radislaod Brnatis</u>	Date: <u>12/12/00</u> ORG: <u>LARW</u>
Page 2 of 2	SHEET <u>2</u> OF <u>3</u> 0011-038

SURVEILLANCE FORM
EC-98006, Revision 0

Surveillant Signature: Tye Roger Date: 12/5/00 ORG: HP

SECTION A:	SURVEILLANCE INITIATION
<u>Source Detail:</u> Type: <input checked="" type="checkbox"/> Management Surveillance <input type="checkbox"/> Independent Surveillance Interval: <input checked="" type="checkbox"/> Periodic Surveillance <input type="checkbox"/> Annual Review Surveillance <input type="checkbox"/> Unplanned Surveillance	
<u>Identification:</u> Surveillance Number: <u>0012-020</u> Surveillance Title: <u>CRSO and Site Engineer Joint Monthly 11e.(2) Inspection and annual review of SOP's.</u> Surveillance Subject Area (Purpose): <u>Monthly site tour and annual SOP review</u>	
<u>Discovery:</u> Surveillance Date(s): <u>Dec. 29, 2000</u> Facility, Process, Department: <u>Facility</u>	
<u>Requirements Reference:</u> (Procedure, Standard, Permit, License) U.S.N.R.C Materials License# SMC-1559, Conditions 9.8 and 11.3	
<u>Surveillance Scope:</u> (Selected Requirement Elements) 1) Perform and document joint inspection of all work areas. Deficiencies corrected within seven working days. 2) All existing facility SOP's related to operational and non-operational activities shall be reviewed and documented by the CRSO on an annual basis.	
Page 1 of 2	SHEET <u>1</u> OF <u>2</u>

SURVEILLANCE FORM
EC-98006, Revision 0

SECTION B:	SURVEILLANCE IMPLEMENTATION
<p><u>Surveillance Personnel:</u></p> <p>Tye Rogers, Acting CRSO _____</p> <p>Shane Johanson, Site Engineer _____</p>	
<p><u>Personnel Contacted:</u></p> <p>Danny (Maintain) _____</p> <p>_____</p>	
<p><u>Surveillance Results:</u></p> <p>Inspected entire restricted area. A worker was observed over the mud line and one in the restricted area not wearing the required PPE. These workers were instructed and their supervisors were notified.</p> <p>Maintance worker was observed working on a contaminated vehicle without permission or supervision of an HP. This worker was instructed and his supervisor was notified.</p> <p>Radiological postings at the box wash facility was not complete. The HP was instructed and the postings were immediately fixed.</p> <p>Approximately 2000 cubit feet of St. Louis material is in "in cell bulk storage".</p>	

<u>Surveillance Results Status:</u>	
<input checked="" type="checkbox"/> Issues identified meet requirements	<input type="checkbox"/> Issues identified require corrective action
<u>Corrective Action:</u>	
Nonconformance Report (NCR) Generated	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
NCR Number and Subject: _____	
Action Request Generated	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
AR Number and Subject: _____	

SECTION C:	SURVEILLANCE COMPLETION
<u>Acknowledgement:</u>	
Management of Organization Surveilled: <u>Ladrian Lund</u>	Date: <u>1-22-01</u> ORG: <u>LARW</u>
	<u>0012-020</u>
	SHEET <u>2</u> OF <u>2</u>

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The Safe Alternative

SURVEILLANCE FORM
EC-98006, Revision 0

Surveillant Signature: Tye Koger Date: 01/02/01 ORG: HP
