

Revised 08/05

CORRES. CONTROL
INCOMING LTR NO.

00435RF05

DUE DATE
ACTION



RECEIVED

7895 AUG 25 P 2 57

Department of Energy

ROCKY FLATS PROJECT OFFICE
12101 AIRPORT WAY, UNIT A
BROOMFIELD, COLORADO 80021-2583

AUG 23 2005

05-DOE-00532

DIST.	LTR	ENC
BERARDINI, J.H.	X	X
BOGNAR, E.S.	X	X
BROOKS, L.	X	X
CROCKETT, G. A.	X	X
DECK, C. A.	X	X
DEGENHART, K. R.	X	X
FERRERA, D. W.	X	X
GIACOMINI, J. J.		
GLPIN, H.		
LINDSAY, D. C.	X	X
LONG, J. W.		
NESTA, S.	X	X
SHELTON, D. C.	X	X
TUOR, N. R.	X	X
WARD, D.	X	X
WIEMELT, K.	X	X
ZAHM, C.	X	X

Heber, J. X X

Rothman, M. X X

COR. CONTROL	X	X
ADMIN. RECORD	X	X

Reviewed for Addressee
Corres. Control RFP

8/25/05 [Signature]
Date By

Ref. Ltr. #
05RF00779

DOE ORDER #
5400.1

Mr. Carl Spreng
RFCA Coordinator
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Dear Mr. Spreng:

Please find enclosed a completed Rocky Flats Cleanup Agreement (RFCA) Type 1 Disposition Closeout Report (DWF-079-05 dated August 11, 2005) for Buildings 517/518, 520, 681, and Xcel ring-bus. This report is provided for your review and comment and is submitted in accordance with the RFCA.

Questions can be directed to Gary Morgan RFPO at (303) 966-6003.

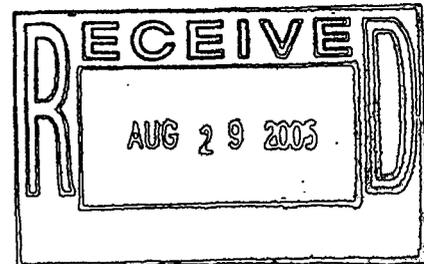
Sincerely,

[Signature]
John J. Rampe, Director
RFPO Closure Project Management

Enclosure

cc w/o Encl:
S. Nesta, K-H RISS Env
J. Heber, K-H RISS D&D
K. Wiemelt, K-H RISS D&D

cc w/Encl:
D. Kruchek, CDPHE
M. Aguilar, USEPA
D. Abelson, RFCLOG
K. Korkia, RFCAB
Administrative Record



ADMIN RECORD

1/17



RECEIVED
2005 AUG 17 A 05
LOGGING BY
CANTON

August 11, 2005

05-RF-00779

Gary Morgan, Director
Project Support
DOE, RFPO

**TRANSMITTAL OF CLOSE OUT REPORT FOR BUILDINGS 517/518, 520, 681 AND
EXCEL/RING-BUSS SWITCHGEAR-- DWF-079-05**

Attached is the Closeout Report for the Type 1 Buildings 517/518, 520, 681 and Excel/ring-buss switchgear. Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill RISS project.

Please contact Steve Nesta x6386 with questions or concerns.

F.E. Hill for D.W. Ferrera
Dennis W. Ferrera
Vice President and Project Manager
Remediation, Industrial D&D, and Site Services

Attachment:
As Stated

SMN:jlh

Orig. and 1 cc - Gary Morgan

cc:
John Rampe

Type 1 Facility Closeout Report

Section A. Facility Data	
Facility No.	517/518, 520, 681 and Excel/ring-bus switchgear
Facility Descriptor:	Transformer substations
Project:	RISS
Date of Demolition:	June 2005 and July 2005
Additional Information:	Attached
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	
Section B. Final Characterization Data	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	RLCR for 520 - Concurrence, Steven H. Gunderson to Richard DiSalvo, dated July 30, 2003. RLCR for 681 - Concurrence, Steven H. Gunderson to Richard DiSalvo, dated March 21, 2003.
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	RLC functioned as PDS
Post-Demolition Survey Report <i>(as necessary)</i>	N/A
Section C. Waste Data (complete categories as appropriate)	
<u>Sanitary Disposal</u>	
Disposal Site:	BFI Foothills Hwy 93 Landfill
Waste Volume (m ³):	5657.7
Waste Weight (tons):	4552.62
Additional Information:	Waste included concrete, metal, and transformer carcasses.
<u>Hazardous Disposal</u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA
Waste Weight (tons):	19.5
Additional Information:	Switch gears - non-hazardous, but sent to Kettleman due to compressed sulfur hexafluoride.
<u>TSCA Waste Disposal (other than ACM)</u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA
Waste Weight (tons):	3
Additional Information:	Bushings - contained potential PCB mineral oil
<u>Asbestos Waste Disposal</u>	
Additional Information:	NA No asbestos was generated
<u>Low-Level Waste Disposal</u>	
Additional Information:	N/A No LLW was generated
<u>Low-Level Mixed Waste Disposal</u>	
Additional Information:	N/A No LLMW was generated
<u>Recycled Material</u>	
Disposal Site:	Used Oil Safety-Kleen Oil Recovery Co., East Chicago, IN
Waste Volume (gals.):	24,335
Additional Information:	Used oil for recovery
<u>Property Disposition</u>	
Receiver Locations (major items only):	PU&D for resale
Additional Information:	Five lbs. of recovered R22 freon.
Section D. Approvals	
Kaiser-Hill Project Manager	<u>Jerry R. Cable</u> <u>[Signature]</u> 8/19/05
	Name/Signature Date



ADMIN RECORD

Physical Description:

Building 520 was a 1020 square foot single-story switchgear building. The structure is a cinderblock building constructed on a concrete pad. The roof was a metal roof with built-up insulation. The 517 and 518 transformers associated with this building were drained of oil, the bushings removed, and demolished with the building.

Building 681 was a 2302 square foot switchgear building. Building 681 was a cinderblock building constructed on a concrete pad. The roof was a metal roof with built-up insulation. The two transformers associated with Building 681 were drained of transformer oil, the bushings removed, and demolished with the building.

The both facilities had the following utilities: electric and fire protection provided by wall mounted fire extinguishers.

The ring-bus in the north buffer zone had transformers and switchgear, which were owned by Xcel Energy until June 2005, when this facility was turned over by Xcel to DOE for removal. The facility was released under a WRE.

Utilities:

The only utilities to these facilities were electrical. All electrical lines and poles were removed during demolition of the facilities.

There were two 6' perforated pipes that drained a catch basin northwest of B520, designed to drain the substation yard. One pipe ran due east (20 ft north of B520), toward the 6th St ditch bank where it turns at a 45 degree angle to the northeast. This pipe was located due north of the northeast corner of B520 and removed easterly to the 45 angle. The pipe and bedding was flowfilled from the point of removal.

The second pipe ran due south (30 ft west of B520) toward the 6' St ditch. This pipe was located due west of the southwest corner of B520 and removed entirely to the south. The pipe and bedding was flowfilled from the point of removal.

A 4" cast iron pipe drained the 13.8kV electric manhole northwest of B520. This pipe ran parallel to the first pipe mentioned above and was removed and flowfilled in a similar manner. The manhole and catch basin were removed to 4' below existing grade, and the void was filled with soil. Any remaining structures are 25' below final grade.

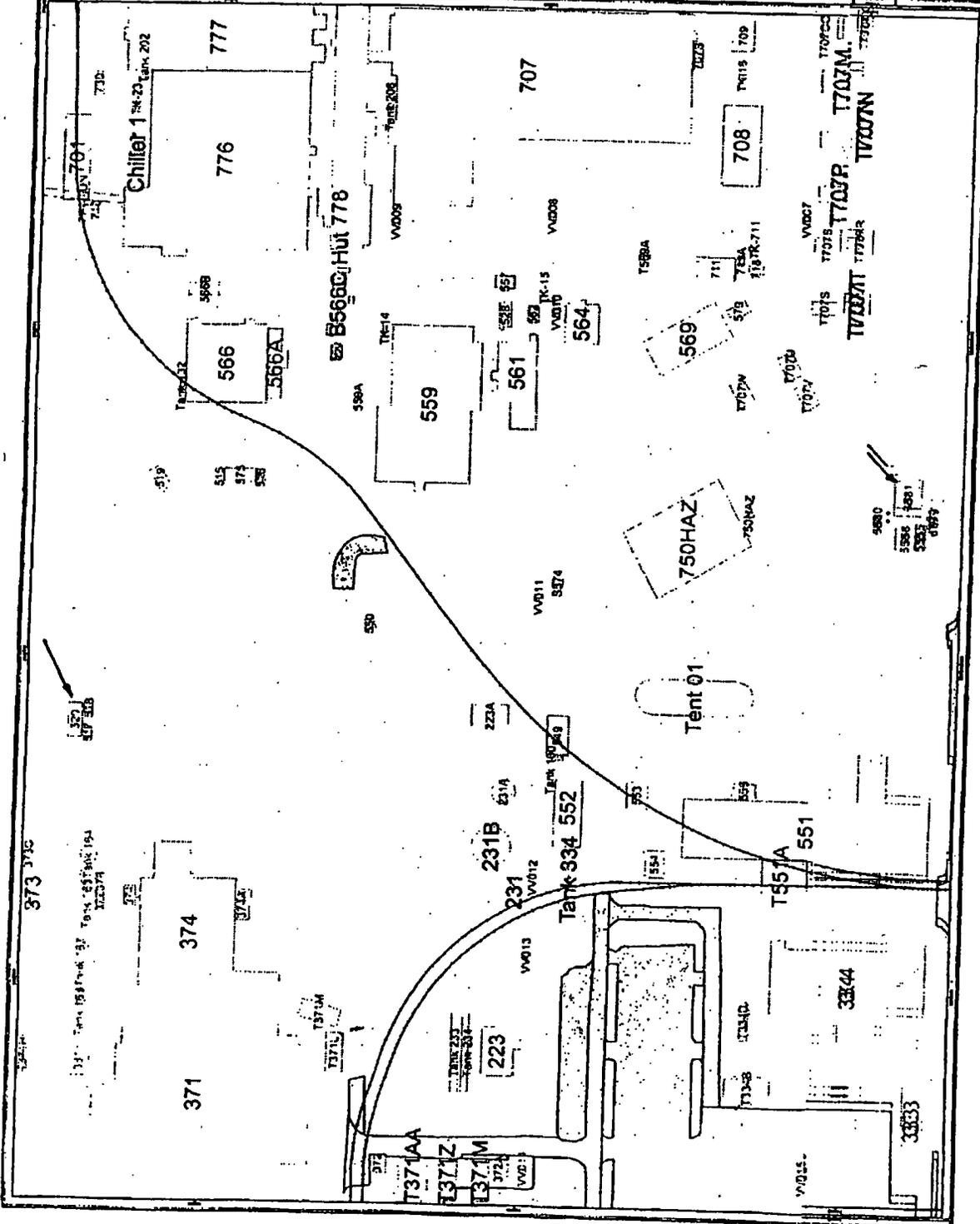
**Building 575, 515, 516,
520, 517, 518 and 681
Location Map**

Standard Map Features

-  Demolished Facility
-  Remaining Facility
-  Dirt Roads
-  Railroad Removed
-  Railroad Remaining
-  Stream or Ditch
-  Lakes and Ponds



Rocky Flats Environmental Remediology Site
 Project File:
 CH2M HILL
 3000 W. 10th Avenue
 Golden, Colorado 80402
 303.440.2000
 303.440.2001
 303.440.2002
 303.440.2003
 303.440.2004
 303.440.2005
 303.440.2006
 303.440.2007
 303.440.2008
 303.440.2009
 303.440.2010
 303.440.2011
 303.440.2012
 303.440.2013
 303.440.2014
 303.440.2015
 303.440.2016
 303.440.2017
 303.440.2018
 303.440.2019
 303.440.2020
 303.440.2021
 303.440.2022
 303.440.2023
 303.440.2024
 303.440.2025
 303.440.2026
 303.440.2027
 303.440.2028
 303.440.2029
 303.440.2030



Property Waste Sample

RELEASE EVALUATION FORM

Page 1 of 2

Release Evaluation No.: 0505178-T130F-001 EXTENDED: No EXPIRES: N/A Charge No.: EBB120EL
 PART I SENDER/CUSTODIAN ACKNOWLEDGEMENT

Description of Property/Waste/Sample To Be Released/Transferred: Construction debris from the removal/demolition of the 115KV power transmission facilities and associated equipment including power lines, insulators, power poles (wood and metal), metal towers, guys, associated structures, concrete slabs and foundations, asphalt, larger circuit breakers (some oil filled), large transformers (with some residual oil), fence, miscellaneous metals, conduit, wire, and cable. Construction debris from the control building with switch gear, and culvert at the ring buss switching station north of the site identified in IWCP T01 13171.

Current Location: Building 681 area north to through the former Industrial Area to the buffer zone and northeast to Indiana Avenue

Destination: Front Range Landfill, 1830 Weld County Road 5, Erie, CO, 80112 or BFT landfill, 88* and Tower Road, Commerce City, Colorado or Foothills Landfill, Highway 93, Golden Co.

New Recipient/Custodian: Same as above

History/Process Knowledge: There is no history of radiological operations associated with the 115KV power transmission facilities and associated equipment.

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No

- 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate.
- 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation.

Sender/Custodian: Steve Mager / Steve Mager Emp. No: [redacted] Date: 5/19/05 Ext: 5624

PART II RADIOLOGICAL ENGINEERING

SPECIFIC REQUIREMENTS AND/OR COMMENTS:

115KV power transmission facilities and associated equipment and the immediate surrounding areas were never posted CA/RBA. There is no history of radiological contamination associated with these areas. *Radiological characterization is required ONLY on 15% of the below ground portions of the 6 marked power poles located inside the former Industrial Area north of B681 prior to demolition and release.*

- 1.) Custodian, ensure that all soil is removed from the collected waste upon demolition, prior to waste disposal. Vindicated waste/soil is to remain at the applicable current locations, this statement may be disregarded. This release evaluation does not address the removal of soil from the site. Custodian is responsible for ensuring this requirement is met.
- 2.) Custodian, retain a copy of all documents required by this release evaluation. The sender/custodian will be responsible for ensuring a copy of this release evaluation is available for auditing/due diligence purposes.
- 3.) Radiological Engineer, process release evaluation to indicate an unrestricted free-release. Sign all appropriate documentation required for the disposition of the affected items.

Evaluated: Roger Worrick Emp. No: [redacted] Date: 5/19/05 Ext: 3357
 Radiological Engineer

APPROVAL FOR TRANSFERSHIPMENT

Approved: Chad Blake Emp. No: [redacted] Date: 5/19/05 Ext: 5909
 Radiological Engineer

6

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS**Release Evaluation for Waste:**

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

Release Evaluation for Property:

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

Release Evaluation for Samples:

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

The approval for transshipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provide with an unrestricted release.

"The samples specified in Part I of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."

Additional Documentation:

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page ___ of ___, initials of Radiological Engineer signing approval for transshipment and date.

ROCKY MOUNTAIN ENVIRONMENTAL TECHNOLOGISTS

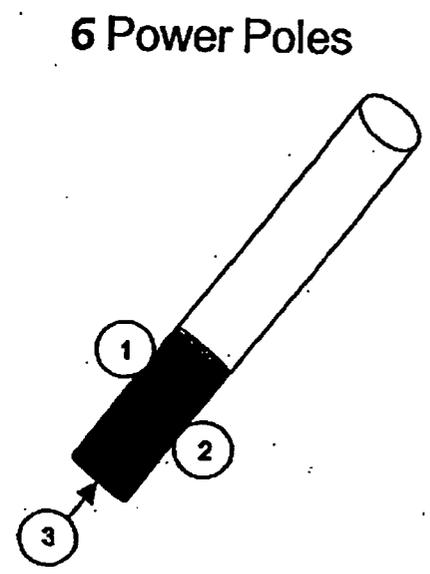
INSTRUMENT DATA

Mfg. <u>Eberline</u>	Mfg. <u>NA</u>	Mfg. <u>NE Electra</u>	Survey type: <u>Contamination</u>
Model <u>SAC-4</u>	Model <u> </u>	Model <u>DP-6</u>	Building: <u>NA</u>
Serial# <u>818</u>	Serial# <u> </u>	Serial# <u>2314</u>	Location: <u>Sectors 4C/4E</u>
Cal Due <u>7/12/05</u>	Cal Due <u> </u>	Cal Due <u>7/19/05</u>	Purpose: <u>Removal</u>
Bkg. <u>0.2 cprna</u>	Bkg. <u> </u>	Bkg. <u>4 cprna</u>	RWP #: <u>NA</u>
Efficiency <u>33.0 %</u>	Efficiency <u> </u>	Efficiency <u>17.0 %</u>	Date: <u>6/9/05</u> Time: <u>8:00</u>
MDA <u>20 dprna</u>	MDA <u>NA</u>	MDA <u>94 dprna</u>	Print name: <u>S. Cloud</u> Signature: <u>[Signature]</u>
Mfg. <u>Eberline</u>	Mfg. <u> </u>	Mfg. <u>NE Electra</u>	RCT: <u>NA</u> / <u>NA</u> / <u>NA</u>
Model <u>BC-4</u>	Model <u> </u>	Model <u>DP-6</u>	Print name: <u> </u> Signature: <u> </u> Emp. #: <u> </u>
Serial# <u>910</u>	Serial# <u> </u>	Serial# <u>2314</u>	
Cal Due <u>10/28/05</u>	Cal Due <u> </u>	Cal Due <u>7/19/05</u>	
Bkg. <u>36.4 cprna</u>	Bkg. <u> </u>	Bkg. <u>370 cprna</u>	
Efficiency <u>14.0 %</u>	Efficiency <u> </u>	Efficiency <u>22.9 %</u>	
MDA <u>258 dprna</u>	MDA <u>NA</u>	MDA <u>745 dprna</u>	

PRN/REN # : _____
 Comments: Scan Survey of 15% of Power Poles of end that was in the ground. All readings < MDA of instruments listed above.

SURVEY RESULTS

Swipe #	Location/Description	DPM/100 cm ²			
		Removable		Direct	
		Alpha	Beta	Alpha	Beta
1	Side	<20	<258	<94	<745
2	Side	<20	<258	<94	<745
3	Bottom	<20	<258	<94	<745
4	N/A	N/A	N/A	N/A	N/A
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Date Reviewed: 6/9/05 RS Supervision: [Signature] Print Name: _____ Signature: _____

8



RECEIVED
2005 AUG 17 A 8 5
LOCKHEED MARTIN
CORPORATION

August 11, 2005

05-RF-00779

Gary Morgan, Director
Project Support
DOE, RFPO

**TRANSMITTAL OF CLOSE OUT REPORT FOR BUILDINGS 517/518, 520, 681 AND
EXCEL/RING-BUSS SWITCHGEAR-- DWF-079-05**

Attached is the Closeout Report for the Type 1 Buildings 517/518, 520, 681 and Excel/ring-buss switchgear. Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill RISS project.

Please contact Steve Nesta x6386 with questions or concerns.

F.E. Hill for D.W. Ferrera

Dennis W. Ferrera
Vice President and Project Manager
Remediation, Industrial D&D, and Site Services

Attachment:
As Stated

SMN:jlh

Orig. and 1 cc - Gary Morgan

cc:
John Rampe

10

Type I Facility Closeout Report

Section A. Facility Data	
Facility No.	517/518, 520, 681 and Excel/ring-bus switchgear
Facility Descriptor:	Transformer substations
Project:	RISS
Date of Demolition:	June 2005 and July 2005
Additional Information:	Attached
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	
Section B. Final Characterization Data	
Reconnaissance Level Characterization Report <i>(concurrency received)</i>	RLCR for 520 - Concurrency, Steven H. Gunderson to Richard DiSalvo, dated July 30, 2003. RLCR for 681 - Concurrency, Steven H. Gunderson to Richard DiSalvo, dated March 21, 2003.
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	RLC functioned as PDS
Post-Demolition Survey Report <i>(as necessary)</i>	N/A
Section C. Waste Data (complete categories as appropriate)	
<u>Sanitary Disposal</u>	
Disposal Site:	BFI Foothills Hwy 93 Landfill
Waste Volume (m ³):	5657.7
Waste Weight (tons):	4552.62
Additional Information:	Waste included concrete, metal, and transformer carcasses.
<u>Hazardous Disposal</u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA
Waste Weight (tons):	19.5
Additional Information:	Switch gears - non-hazardous, but sent to Kettleman due to compressed sulfur hexafluoride.
<u>TSCA Waste Disposal (other than ACM)</u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA
Waste Weight (tons):	3
Additional Information:	Bushings - contained potential PCB mineral oil
<u>Asbestos Waste Disposal</u>	
Additional Information:	NA No asbestos was generated
<u>Low-Level Waste Disposal</u>	
Additional Information:	N/A No LLW was generated
<u>Low-Level Mixed Waste Disposal</u>	
Additional Information:	N/A No LLMW was generated
<u>Recycled Material</u>	
Disposal Site:	Used Oil Safety-Kleen Oil Recovery Co., East Chicago, IN
Waste Volume (gals.)	24,335
Additional Information:	Used oil for recovery
<u>Property Disposition</u>	
Receiver Locations (major items only):	PU&D for resale
Additional Information:	Five lbs. of recovered R22 freon.
Section D. Approvals	
Kaiser-Hill Project Manager	<u>Jerry D. Cable</u> <u>[Signature]</u> 8/19/05
	Name/Signature Date

11

Physical Description:

Building 520 was a 1020 square foot single-story switchgear building. The structure is a cinderblock building constructed on a concrete pad. The roof was a metal roof with built-up insulation. The 517 and 518 transformers associated with this building were drained of oil, the bushings removed, and demolished with the building.

Building 681 was a 2302 square foot switchgear building. Building 681 was a cinderblock building constructed on a concrete pad. The roof was a metal roof with built-up insulation. The two transformers associated with Building 681 were drained of transformer oil, the bushings removed, and demolished with the building.

The both facilities had the following utilities: electric and fire protection provided by wall mounted fire extinguishers.

The ring-bus in the north buffer zone had transformers and switchgear, which were owned by Xcel Energy until June 2005, when this facility was turned over by Xcel to DOE for removal. The facility was released under a WRE.

Utilities:

The only utilities to these facilities were electrical. All electrical lines and poles were removed during demolition of the facilities.

There were two 6' perforated pipes that drained a catch basin northwest of B520, designed to drain the substation yard. One pipe ran due east (20 ft north of B520), toward the 6th St ditch bank where it turns at a 45 degree angle to the northeast. This pipe was located due north of the northeast corner of B520 and removed easterly to the 45 angle. The pipe and bedding was flowfilled from the point of removal.

The second pipe ran due south (30 ft west of B520) toward the 6th St ditch. This pipe was located due west of the southwest corner of B520 and removed entirely to the south. The pipe and bedding was flowfilled from the point of removal.

A 4" cast iron pipe drained the 13.8kV electric manhole northwest of B520. This pipe ran parallel to the first pipe mentioned above and was removed and flowfilled in a similar manner. The manhole and catch basin were removed to 4' below existing grade, and the void was filled with soil. Any remaining structures are 25' below final grade.



Property



Waste



Sample

RELEASE EVALUATION FORM

Page 1 of 2

Release Evaluation No.: 0505178-T130F-001 EXTENDED: No EXPIRES: N/A Charge No.: EBB120EL
PART I SENDER/CUSTODIAN ACKNOWLEDGEMENT

Description of Property/Waste/Sample To Be Released/Transferred: Construction debris from the removal/demolition of the 115KV power transmission facilities and associated equipment including power lines, insulators, power poles (wood and metal), metal towers, guys, associated structures, concrete slabs and foundations, asphalt, larger circuit breakers (some oil filled), large transformers (with some residual oil), fence, miscellaneous metals, conduit, wire, and cable. Construction debris from the control building with switch gear, and culvert at the ring buss switching station north of the site identified in IWCP T01 13171.

Current Location: Building 681 area north to through the former Industrial Area to the buffer zone and northeast to Indiana Avenue

Destination: Front Range Landfill, 1830 Weld County Road 5, Erie, CO, 80112 or BFT landfill, 88* and Tower Road, Commerce City, Colorado or Foothills Landfill, Highway 93, Golden Co.

New Recipient/Custodian: Same as above

History/Process Knowledge: There is no history of radiological operations associated with the 115KV power transmission facilities and associated equipment.

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No

- 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate.
- 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation.

Sender/Custodian: Steve Mager / Steve Mager Emp. No: [redacted] Date: 5/19/05 Ext: 5624

PART II

RADIOLOGICAL ENGINEERING

SPECIFIC REQUIREMENTS AND/OR COMMENTS:

115KV power transmission facilities and associated equipment and the immediate surrounding areas were never posted CA/RBA. There is no history of radiological contamination associated with these areas. *Radiological characterization is required ONLY on 15% of the below ground portions of the 6 marked power poles located inside the former Industrial Area north of B681 prior to demolition and release.*

- 1.) Custodian, ensure that all soil is removed from the collected waste upon demolition, prior to waste disposal. Vindicated waste/soil is to remain at the applicable current locations, this statement may be disregarded. This release evaluation does not address the removal of soil from the site. Custodian is responsible for ensuring this requirement is met.
- 2.) Custodian, retain a copy of all documents required by this release evaluation. The sender/custodian will be responsible for ensuring a copy of this release evaluation is available for auditing/due diligence purposes.
- 3.) Radiological Engineer, process release evaluation to indicate an unrestricted free-release. Sign all appropriate documentation required for the disposition of the affected items.

Evaluated: Roger Worrick / [signature] Emp. No: [redacted] Date: 5/19/05 Ext: 3357
 Radiological Engineer

APPROVAL FOR TRANSFERSHIPMENT

Approved: Chad Blake / [signature] Emp. No: [redacted] Date: 5/19/05 Ext: 5909
 Radiological Engineer

14

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS**Release Evaluation for Waste:**

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

Release Evaluation for Property:

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

Release Evaluation for Samples:

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

The approval for transshipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provide with an unrestricted release.

"The samples specified in Part I of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."

Additional Documentation:

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page ___ of ___, initials of Radiological Engineer signing approval for transshipment and date.

PROTECTING THE ENVIRONMENT THROUGH SCIENCE

INSTRUMENT DATA

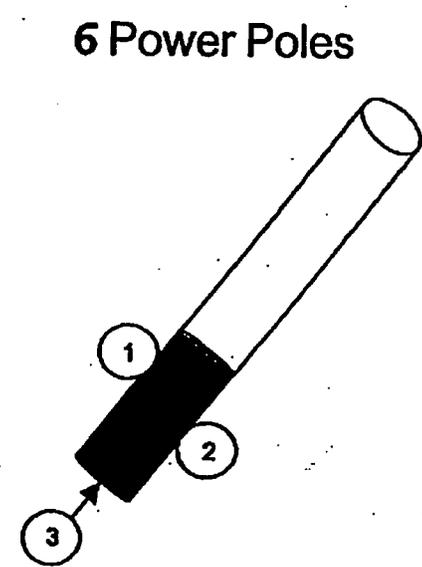
Mfg. <u>Eberline</u>	Mfg. <u>NA</u>	Mfg. <u>NE Electra</u>	Survey type: <u>Contamination</u>
Model <u>SAC-4</u>	Model <u> </u>	Model <u>DP-6</u>	Building: <u>N/A</u>
Serial# <u>818</u>	Serial # <u> </u>	Serial # <u>2314</u>	Location: <u>Sectors 4C/4E</u>
Cal Due <u>7/12/05</u>	Cal Due <u> </u>	Cal Due <u>7/19/05</u>	Purpose: <u>Removal</u>
Bkg. <u>0.2 cprna</u>	Bkg. <u> </u>	Bkg. <u>4 cprna</u>	RWP #: <u>NA</u>
Efficiency <u>33.0 %</u>	Efficiency <u> </u>	Efficiency <u>17.0 %</u>	Date: <u>6/9/05</u> Time: <u>8:00</u>
MDA <u>20 dprna</u>	MDA <u>NA</u>	MDA <u>94 dprna</u>	RCT: <u>S. Cloud</u> <u>[Signature]</u>
Mfg. <u>Eberline</u>	Mfg. <u>NA</u>	Mfg. <u>NE Electra</u>	RCT: <u>NA</u> <u>NA</u> <u>NA</u>
Model <u>BC-4</u>	Model <u> </u>	Model <u>DP-6</u>	Print name <u> </u> <u> </u> <u> </u>
Serial# <u>910</u>	Serial # <u> </u>	Serial # <u>2314</u>	Emp. # <u> </u>
Cal Due <u>10/28/05</u>	Cal Due <u> </u>	Cal Due <u>7/19/05</u>	
Bkg. <u>36.4 cprna</u>	Bkg. <u> </u>	Bkg. <u>370 cprna</u>	
Efficiency <u>14.0 %</u>	Efficiency <u> </u>	Efficiency <u>22.0 %</u>	
MDA <u>258 dprna</u>	MDA <u>NA</u>	MDA <u>745 dprna</u>	

URN/REN # :

Comments: Scan Survey of 15% of Power Poles of end that was in the ground. All readings < MDA of instruments listed above.

SURVEY RESULTS

Swipe #	Location/Description	DPM/100 cm ²			
		Removable		Direct	
		Alpha	Beta	Alpha	Beta
1	Side	<20	<258	<94	<745
2	Side	<20	<258	<94	<745
3	Bottom	<20	<258	<94	<745
4	N/A	N/A	N/A	N/A	N/A
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Date Reviewed: 6/9/05 RS Supervisión: [Signature] [Signature]

Print Name Signature

16

