

SNL 11/17/03



**Sandia National Laboratories**

Operated for the U.S. Department of Energy by  
**Sandia Corporation**

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Permitting and Compliance

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Curt Voorhees, NMED-OB  
2905 Rodeo Park Rd E, Bldg 1  
Santa Fe NM 87505

Dear Mr. Voorhees:

Subject: Additional Pages to be inserted into Previously-Sent Document

The US Department of Energy (DOE) and Sandia Corporation (Sandia) recently sent you a copy of our response to 64 comments included in the New Mexico Environment Department's Second Notice of Deficiency HWB-SNL-02-002 for Sandia National Laboratories, EPA ID NM5890110518. The response included five attachments.

We recently discovered that several pages were inadvertently omitted from some copies of the attachments (including the two copies we sent to you). The pages are enclosed. Please insert them in the document according to the following instructions:

1. Three pages containing photographs with redline/strikeout text are to be inserted into Attachment C. They should be inserted immediately in front of the second colored page in Attachment C. They should follow a page that says "PHOTOGRAPHS" on the front and "This page left intentionally blank" on the back.
2. Three pages containing photographs with black (final) text and holes punched along the left side of each page are to be inserted into Attachment D. They should be inserted immediately in front of the third colored page in Attachment D. They should follow a page that says "PHOTOGRAPHS" on the front and "This page left intentionally blank" on the back.

The pages in Attachment D are designed to be used to update your copy of Volume I of the Comprehensive Part B Permit Request (dated April 2003). If you have already inserted the pages in Attachment D into your copy into Volume I, please note the following. Insert the attached photographs into Appendix B (marked with a white tab) of Part 1 (marked with a blue tab). The last section of this Appendix B contains photographs of RCRA-regulated waste management units at Sandia National Laboratories. The enclosed photographs are replacements for Photographs 5, 6, and 7 in Appendix B.

We apologize for the inconvenience. Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "ASR", followed by a horizontal line.

Enclosures

Pages that were inadvertently omitted from Attachment C

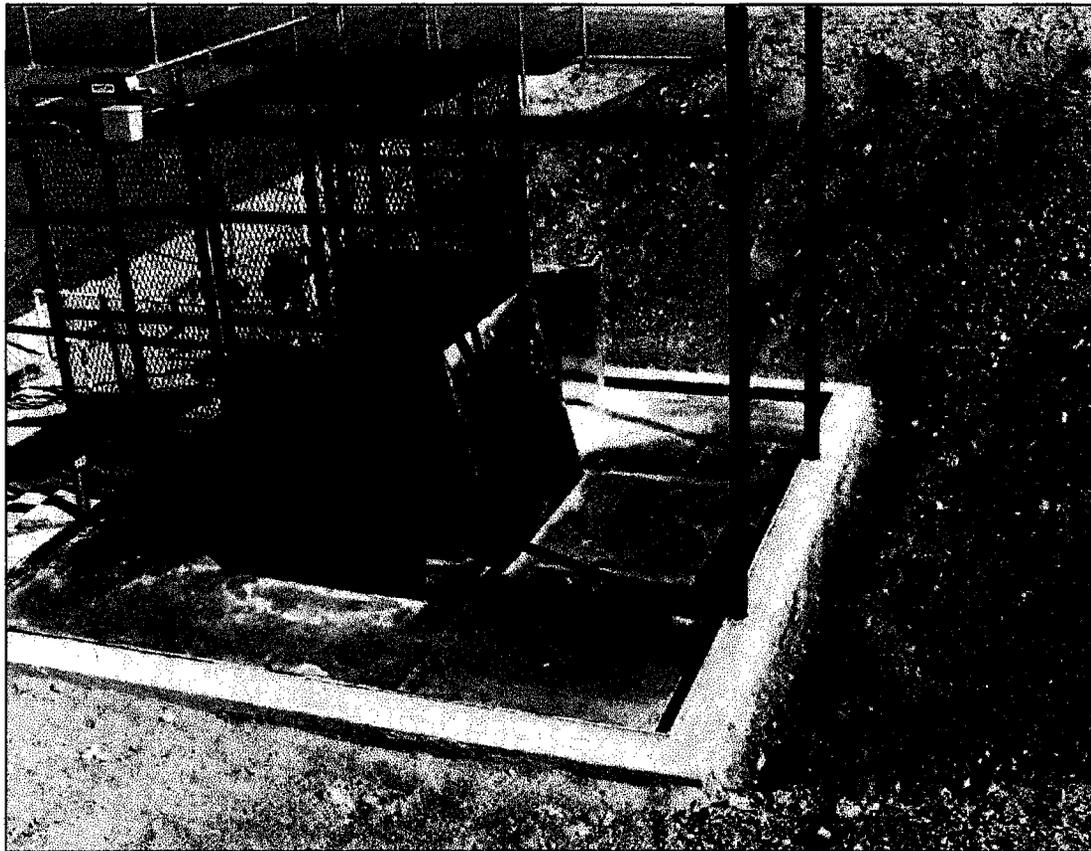


**Thermal Treatment Facility (~~Viewed from the Roof of Building 6715~~)**  
**Viewed from Roof of Building 6715**  
Photograph Taken ~~on December 20, 2004~~ October 23, 2003  
Process Code: ~~X03~~ X01

The sheet metal housing and propane lines for the propane burners ~~is~~ are on the left side of the burn cage. The sheets of steel on the right side and the back of the burn cage are attached at the top and provide protection from wind during waste treatment.

The entire surface of the concrete foundation pad and the inside edge of the concrete pad curb are lined with steel. Runoff water is directed toward the right front corner of the pad, through a filter, and into a covered catchment tank that is visible at the lower right corner of the photograph.

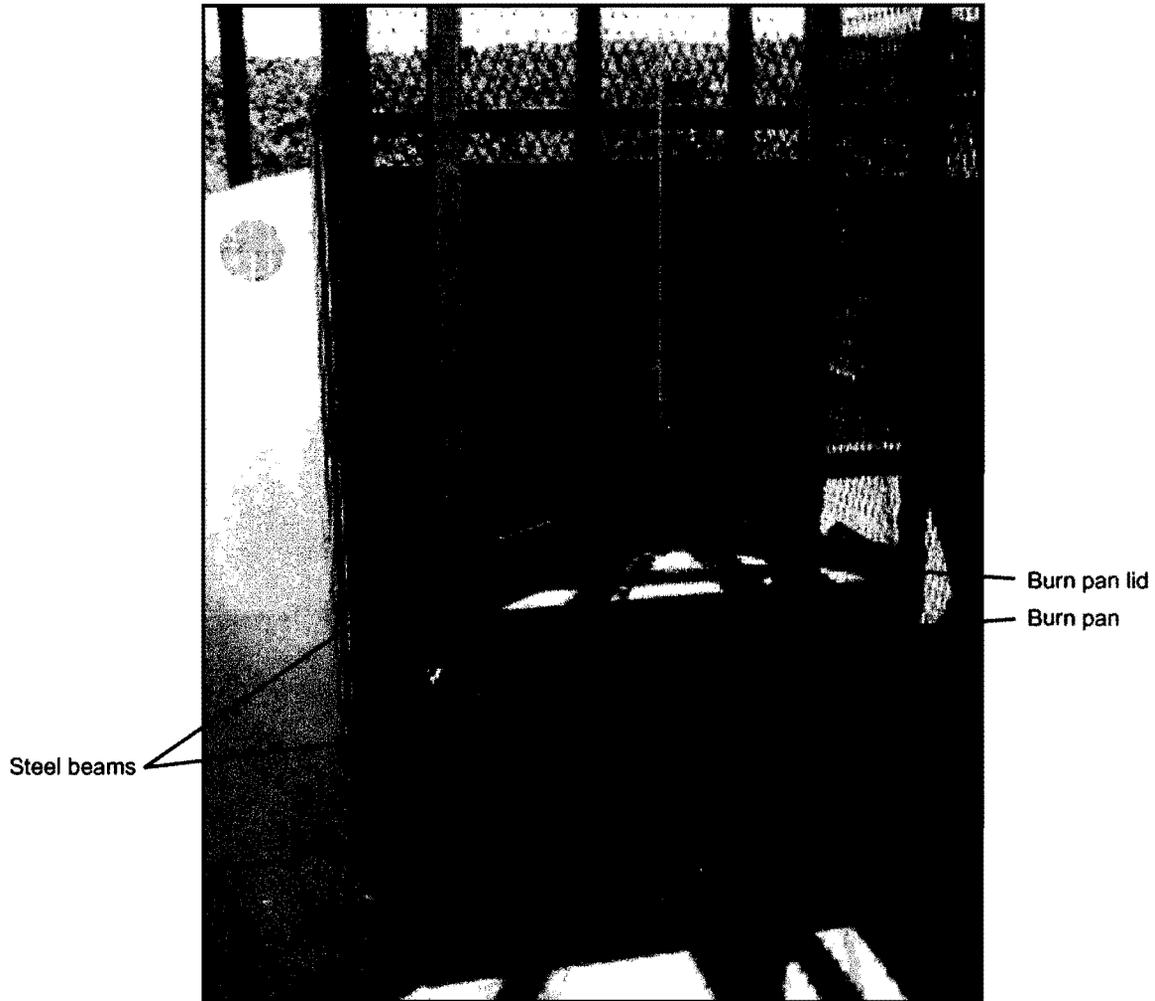
The burn pan lid is in the lowered position. The burn cage is surrounded by an earthen berm. The gate in the fence surrounding the TTF is open.



**Thermal Treatment Facility (~~Viewed from the Top of the Earthen Berm~~)**  
**Rear View of Burn Cage from Top of Earthen Berm**  
Photograph Taken on ~~December 20, 2004~~ **October 23, 2003**  
Process Code: ~~X03~~ X01

~~The lid of the burn pan is raised and is visible near the top of the burn cage. The counterweight used to raise and lower the lid is resting on the foundation pad to the left (at the back) of the cage.~~

The door of the burn cage is open on the left (front) side of the cage. The sheet metal housing for the propane burners is visible on the ~~right~~ far side of the burn cage.



**Thermal Treatment Facility (~~Burn Pan Inside Burn Cage~~)**  
**Front View of Burn Pan (with Lid Down) Inside Burn Cage**  
Photograph Taken on ~~December 20, 2004~~ October 23, 2003  
Process Code: ~~X03~~ X01

~~Solid RCRA-regulated wastes are placed inside the metal baskets inside the burn pan. The pieces of fire brick on the floor of the burn cage are used to hold the wastes in position for treatment. The tubing on the right would be used to pump liquid RCRA-regulated wastes into the burn pan. The liquid waste feed system is not currently in service.~~

The base of the burn pan sits on the steel beams that run across in the front and back of the burn cage. The pan is 6 inches deep. The lid is lowered and covers the pan. During operation, the lid is raised using the attached cable, and solid RCRA-regulated wastes are placed inside the burn pan or liquid wastes are pumped into the pan. The liquid waste feed system is located on the right side of the cage and is not visible in this photograph. It is temporarily out of service.

~~The burn cage door is open, and the burn pan lid is in the raised position.~~ The steel sheets on the outside of the burn cage provide protection from wind during treatment. The sheet metal housing for the propane burners is visible to the left of the burn cage.

Pages that were inadvertently omitted from Attachment D



**Thermal Treatment Facility**  
**Viewed from Roof of Building 6715**  
Photograph Taken October 23, 2003  
Process Code: X01

The sheet metal housing and propane lines for the propane burners are on the left side of the burn cage. The sheets of steel on the right side and the back of the burn cage are attached at the top and provide protection from wind during waste treatment.

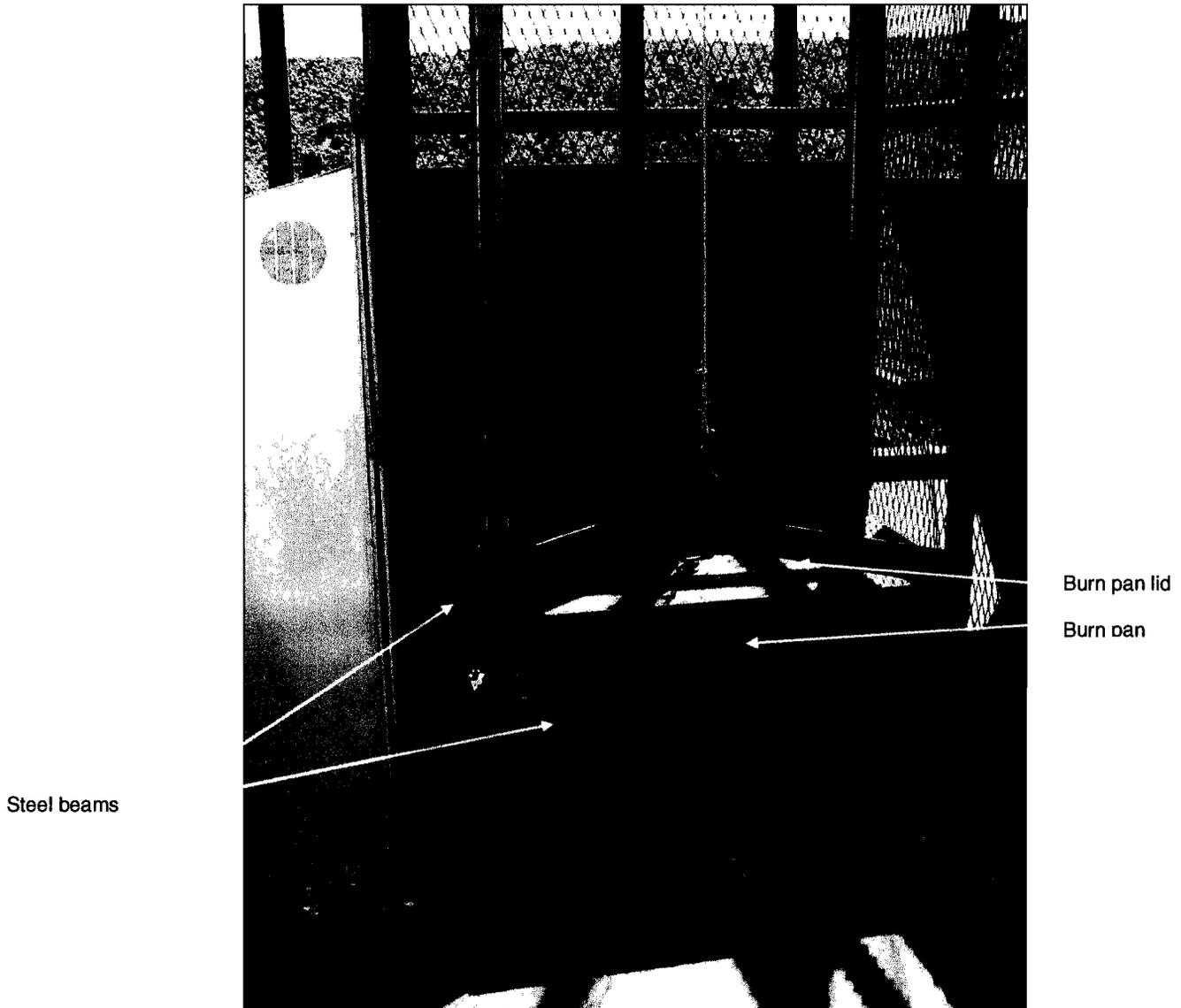
The entire surface of the concrete foundation pad and the inside edge of the concrete pad curb are lined with steel. Runoff water is directed toward the right front corner of the pad, through a filter, and into a covered catchment tank that is visible at the lower right corner of the photograph.

The burn pan lid is in the lowered position. The burn cage is surrounded by an earthen berm. The gate in the fence surrounding the TTF is open.



**Thermal Treatment Facility**  
**Rear View of Burn Cage from Top of Earthen Berm**  
Photograph Taken on October 23, 2003  
Process Code: X01

The door of the burn cage is open on the left (front) side of the cage. The sheet metal housing for the propane burners is visible on the far side of the burn cage.



**Thermal Treatment Facility**  
**Front View of Burn Pan (with Lid Down) Inside Burn Cage**  
Photograph Taken on October 23, 2003  
Process Code: X01

The base of the burn pan sits on the steel beams that run across in the front and back of the burn cage. The pan is 6 inches deep. The lid is lowered and covers the pan. During operation, the lid is raised using the attached cable, and solid RCRA-regulated wastes are placed inside the burn pan or liquid wastes are pumped into the pan. The liquid waste feed system is located on the right side of the cage and is not visible in this photograph. It is temporarily out of service.

The burn cage door is open. The steel sheets on the outside of the burn cage provide protection from wind during treatment. The sheet metal housing for the propane burners is visible to the left of the burn cage.

Pages that were inadvertently omitted from Attachment C



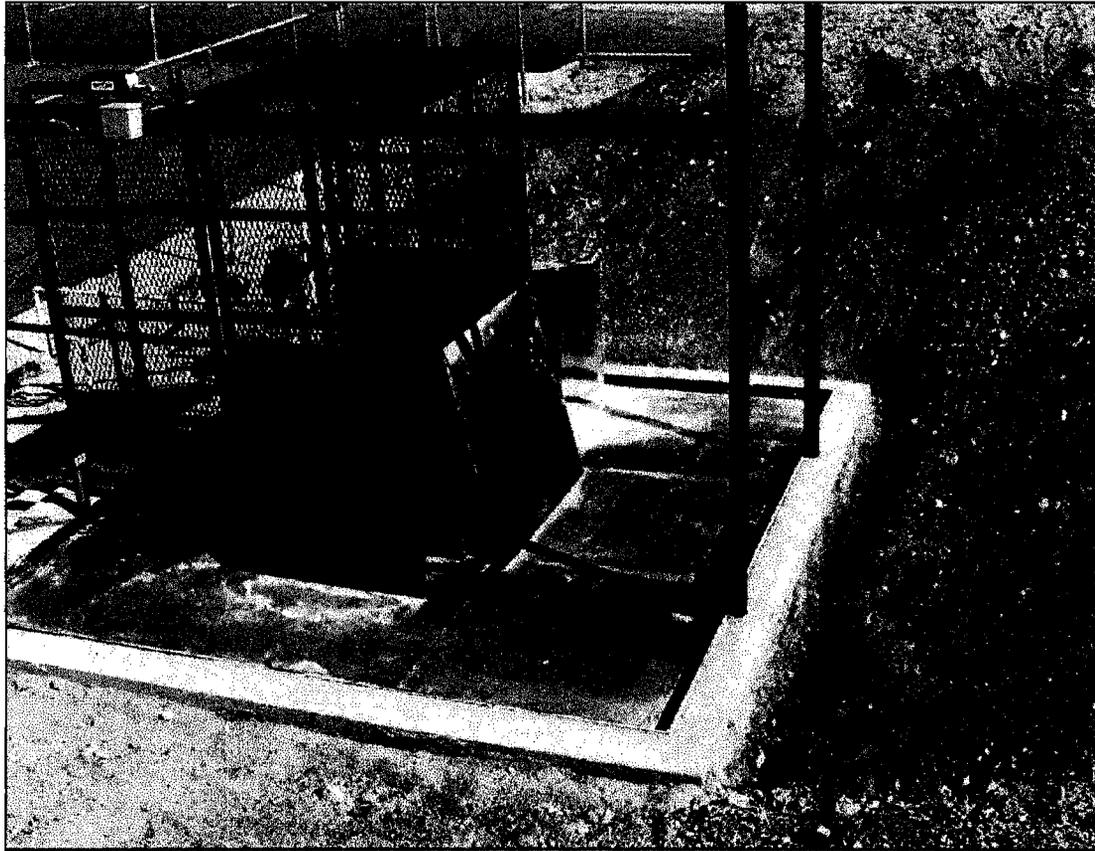
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Viewed from Roof of Building 6715**

Photograph Taken ~~on December 20, 2004~~ October 23, 2003  
Process Code: ~~X03~~ X01

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The entire surface of the concrete foundation pad and the inside edge of the concrete pad curb are lined with steel. Runoff water is directed toward the right front corner of the pad, through a filter, and into a covered catchment tank that is visible at the lower right corner of the photograph.

The burn pan lid is in the lowered position. The burn cage is surrounded by an earthen berm. The gate in the fence surrounding the TTF is open.



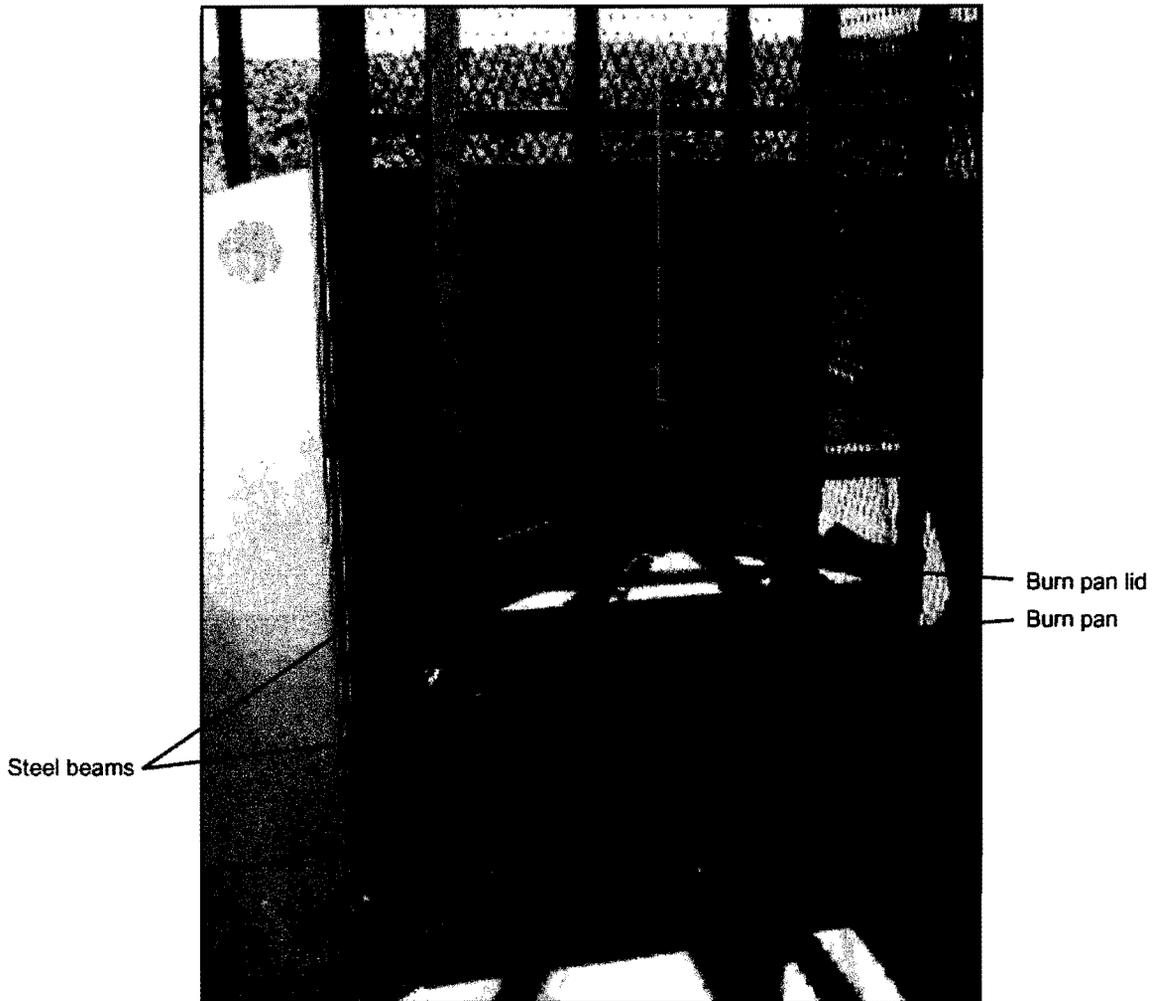
**Thermal Treatment Facility (~~Viewed from the Top of the Earthen Berm~~)  
Rear View of Burn Cage from Top of Earthen Berm**

Photograph Taken on ~~December 20, 2004~~ October 23, 2003

Process Code: ~~X03~~ X01

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**Thermal Treatment Facility (~~Burn Pan Inside Burn Cage~~)**  
**Front View of Burn Pan (with Lid Down) Inside Burn Cage**  
Photograph Taken on ~~December 20, 2004~~ October 23, 2003  
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Pages that were inadvertently omitted from Attachment D



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Viewed from Roof of Building 6715**  
Photograph Taken October 23, 2003  
Process Code: X01

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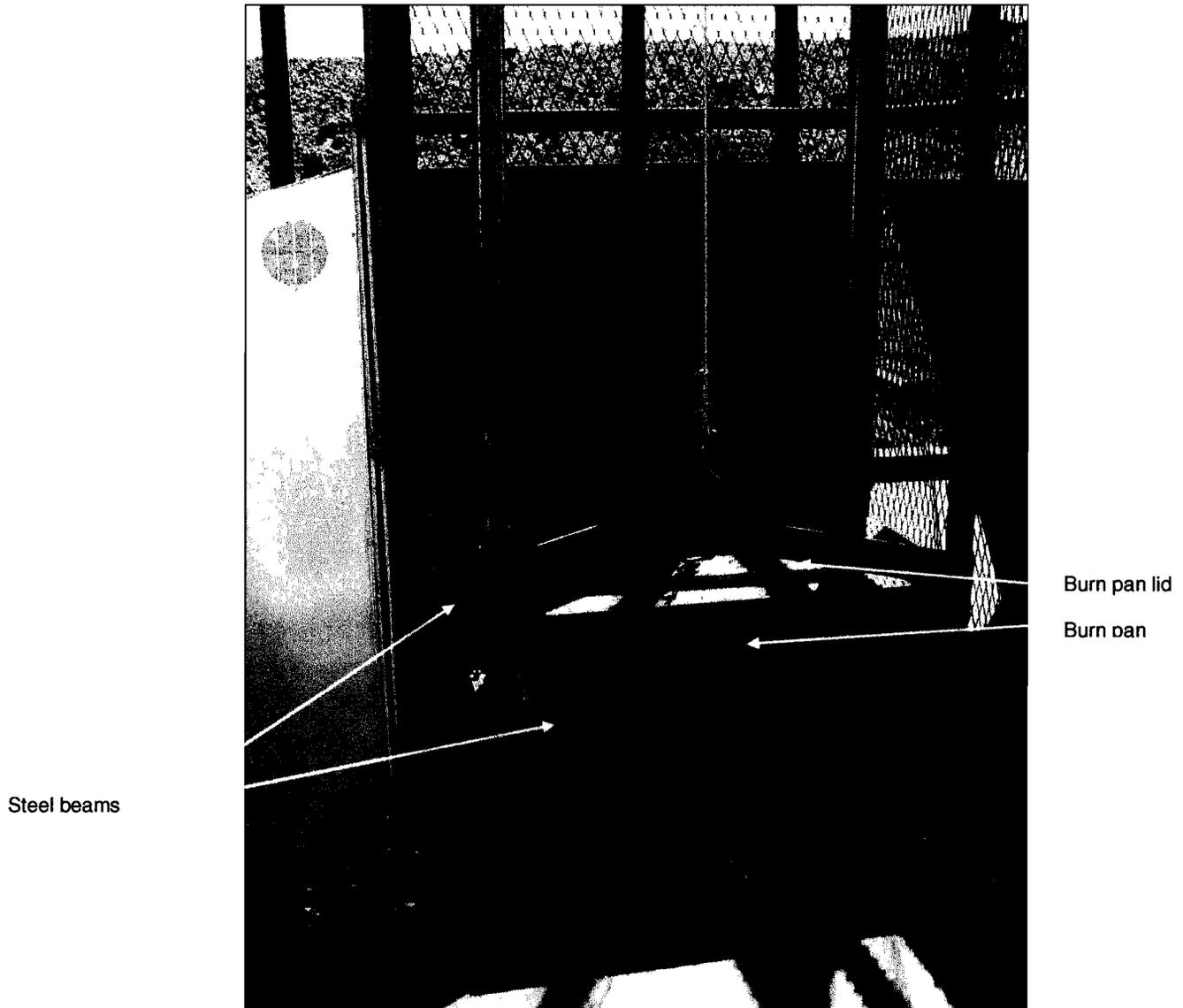
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**Thermal Treatment Facility**  
**Rear View of Burn Cage from Top of Earthen Berm**  
Photograph Taken on October 23, 2003  
Process Code: X01

The door of the burn cage is open on the left (front) side of the cage. The sheet metal housing for the propane burners is visible on the far side of the burn cage.



**Thermal Treatment Facility**  
**Front View of Burn Pan (with Lid Down) Inside Burn Cage**  
Photograph Taken on October 23, 2003  
Process Code: X01

The base of the burn pan sits on the steel beams that run across in the front and back of the burn cage. The pan is 6 inches deep. The lid is lowered and covers the pan. During operation, the lid is raised using the attached cable, and solid RCRA-regulated wastes are placed inside the burn pan or liquid wastes are pumped into the pan. The liquid waste feed system is located on the right side of the cage and is not visible in this photograph. It is temporarily out of service.

The burn cage door is open. The steel sheets on the outside of the burn cage provide protection from wind during treatment. The sheet metal housing for the propane burners is visible to the left of the burn cage.