



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221



WIPPER

FEB 11 2005



Mr. Steve Zappe, WIPP Project Leader
 Hazardous Waste Permits Program
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 E. Rodeo Drive, Blg. 1
 Santa Fe, NM 87505-6303

Subject: Notification of a Class 1 Permit Modification NOTIFICATION OF A CLASS 1 PERMIT MODIFICATION

Dear Mr. Zappe:

We are providing you with a notification of a Class 1 modification to the WIPP Hazardous Waste Facility Permit (HWFP). This permit modification is in support of the Certification of Panel 3 and includes an update to the figures for the repository to indicate the availability of Panel 3.

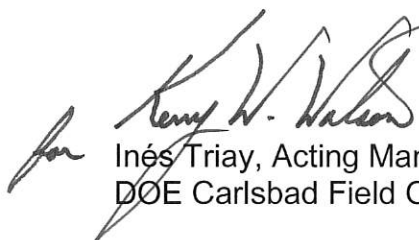
This permit modification is a Class 1 modification in accordance with 40 CFR 270.42, Appendix I, Item A.1, "Administrative and Informational Changes".


Enclosed is a compact disc containing the revised figures.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

If you have any questions or comments, please contact Mr. Jody Plum at (505) 234-7462.

Sincerely,


 Inés Triay, Acting Manager
 DOE Carlsbad Field Office


 Richard D. Raaz, General Manager
 Washington TRU Solutions LLC

Enclosure



Class 1 Permit Modification Notification

Update Repository Figures

**Waste Isolation Pilot Plant
Carlsbad, New Mexico**

WIPP HWFP #NM4890139088-TSDF

Feb 11, 2005

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Acronyms and Abbreviations

CBFO	Carlsbad Field Office
CFR	Code of Federal Regulations
DOE	Department of Energy
HWFP	Hazardous Waste Facility Permit
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
PMN	Permit Modification Notification
RCRA	Resource Conservation and Recovery Act
TSDf	Treatment, Storage and Disposal Facility
WIPP	Waste Isolation Pilot Plant
WTS	Washington TRU Solutions LLC

Overview of the Permit Modification Notification

This document contains one Class 1 Permit Modification Notification (**PMN**) to the Hazardous Waste Facility Permit (**HWFP**) at the Waste Isolation Pilot Plant (**WIPP**), Permit Number NM4890139088-TSDF hereinafter referred to as the WIPP HWFP.

This PMN is being submitted by the U.S. Department of Energy (**DOE**), Carlsbad Field Office (**CBFO**) and Washington TRU Solutions LLC (**WTS**), collectively referred to as the Permittees, in accordance with the WIPP HWFP, Condition I.B.1 (20.4.1.900 New Mexico Administrative Code (**NMAC**) incorporating Title 40 of the Code of Federal Regulations (40 **CFR**) §270.42(a)). The PMN in this document is necessary to notify the New Mexico Environment Department (**NMED**) of updates to figures related to changes in repository figures to reflect the availability of Panel 3 to accept waste. This change does not reduce the ability of the Permittees to provide continued protection to human health and the environment.

The requested modification to the WIPP HWFP and related supporting documents are provided in this PMN. The proposed modification to the text of the WIPP HWFP has been identified using a double underline and revision bar in the right hand margin for added information, and a ~~strikeout~~ font for deleted information. All direct quotations are indicated by italicized text.

Attachment A

Description of the Class 1 Permit Modification Notification

Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification

No.	Affected Permit Section	Item	Category	Attachment A Page #
1	a. Attachment F b. Attachment I c. Attachment M2	Update figures	A.1	A-3

Item 1

Description:

Revise the HWFP to update figures to reflect the completion of Panel 3.

Basis:

The change is administrative and informational in nature and is therefore a Class 1 notification pursuant to 20.4.1.900 NM AC (incorporating 40 CFR 270.42, Appendix I, A.1).

Discussion:

As stated in the Panel 3 construction certification submitted to NMED on February 4, 2005, the Permittees are submitting updated figures which show that Panel 3 is available as an active panel in the WIPP repository. These changes include:

- Figure F-3 Panel 3 is shown with solid lines indicating that it has been completed
- Figure F-5 Panel 3 has been added and emergency equipment added at appropriate locations
- Figure F-9 Panel 3 is shown with solid lines indicating that it has been completed
- Figure I-1 Panel 3 is shown with solid lines indicating that it has been completed
- Figure I-6 Panel 3 is shown with solid lines indicating that it has been completed
- Figure I2-1 Text on figure revised to show that Panel 3 is completed and Panels 4-8 have not been excavated.
- Figure M2-1 Panel 3 is shown with solid lines indicating that it has been completed

Revised Permit Text:

- a.1. All revised figures are shown in Attachment B

Attachment B
Revised Figures

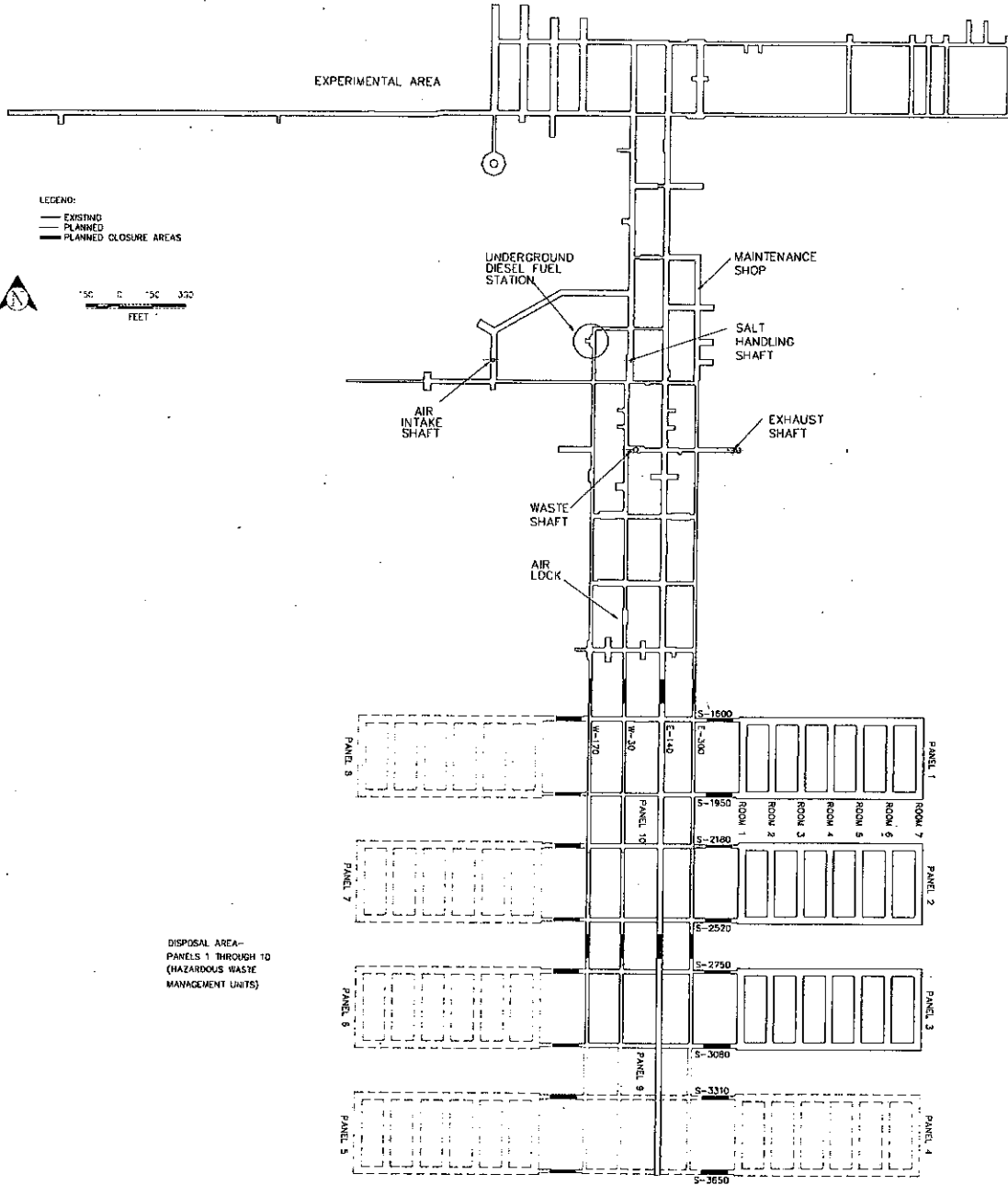


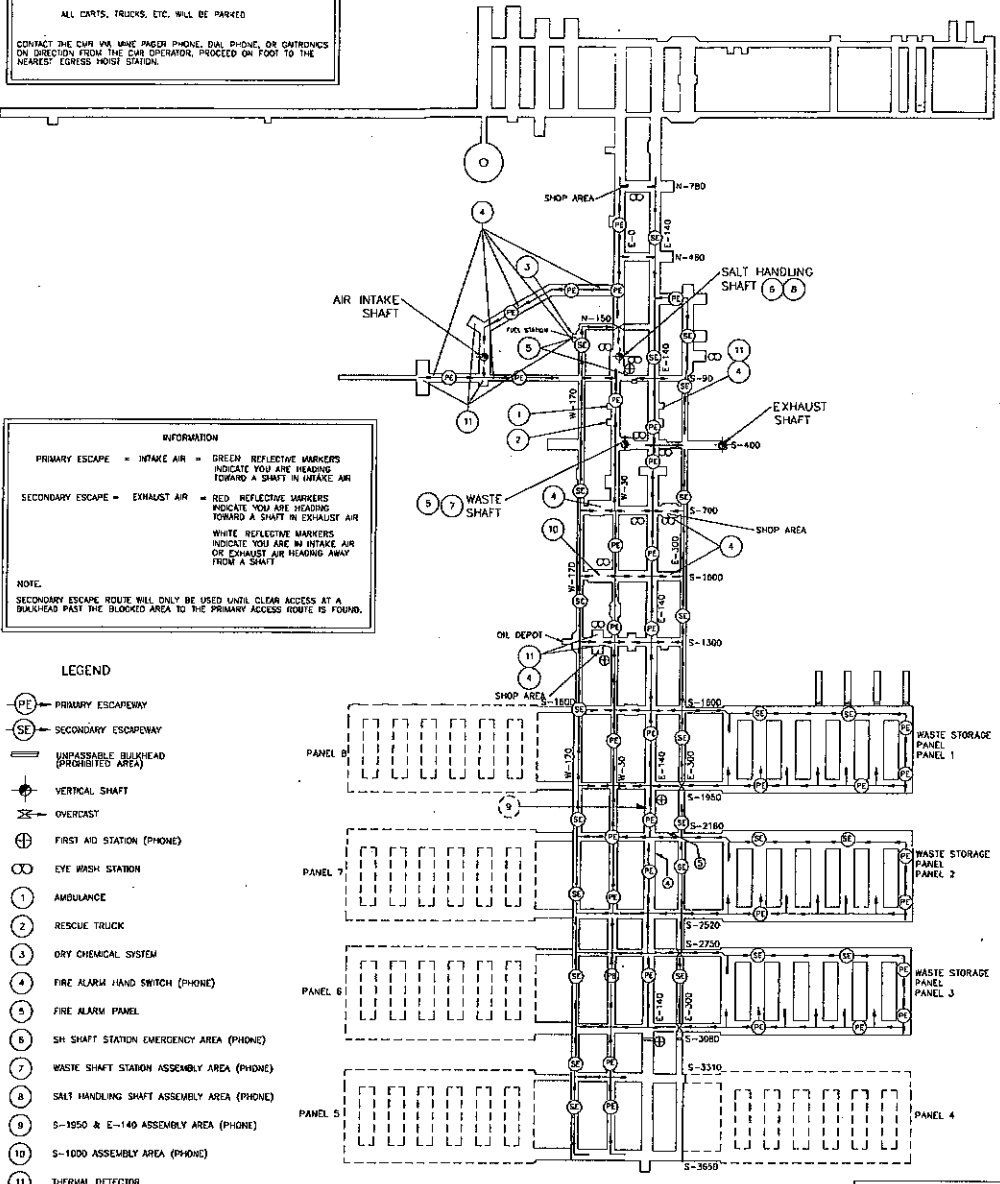
Figure F-3
WIPP Underground Facilities

GENERAL INSTRUCTIONS

ANY TIME AN EVACUATION ALARM IS SOUNDED PROCEED TO THE NEAREST EGRESS HOIST STATION.

ALL CARS, TRUCKS, ETC. WILL BE PARKED

CONTACT THE CUR BY WALKER PHONE, DIAL PHONE, OR CATRONICS ON DIRECTION FROM THE CUR OPERATOR, PROCEED ON FOOT TO THE NEAREST EGRESS HOIST STATION.



INFORMATION

PRIMARY ESCAPE = INTAKE AIR = GREEN REFLECTIVE MARKERS INDICATE YOU ARE HEADING TOWARD A SHAFT IN INTAKE AIR

SECONDARY ESCAPE = EXHAUST AIR = RED REFLECTIVE MARKERS INDICATE YOU ARE HEADING TOWARD A SHAFT IN EXHAUST AIR

WHITE REFLECTIVE MARKERS INDICATE YOU ARE IN INTAKE AIR OR EXHAUST AIR HEADING AWAY FROM A SHAFT

NOTE:
SECONDARY ESCAPE ROUTE WILL ONLY BE USED UNTIL CLEAR ACCESS AT A BULKHEAD PAST THE BLOCKED AREA TO THE PRIMARY ACCESS ROUTE IS FOUND.

- LEGEND**
- PE PRIMARY ESCAPEWAY
 - SE SECONDARY ESCAPEWAY
 - UNPASSABLE BULKHEAD (PROHIBITED AREA)
 - VERTICAL SHAFT
 - OVERCAST
 - FIRST AID STATION (PHONE)
 - EYE WASH STATION
 - 1 AMBULANCE
 - 2 RESCUE TRUCK
 - 3 DRY CHEMICAL SYSTEM
 - 4 FIRE ALARM HAND SWITCH (PHONE)
 - 5 FIRE ALARM PANEL
 - 6 SH SHAFT STATION EMERGENCY AREA (PHONE)
 - 7 WASTE SHAFT STATION ASSEMBLY AREA (PHONE)
 - 8 SALT HANDLING SHAFT ASSEMBLY AREA (PHONE)
 - 9 S-1950 & E-140 ASSEMBLY AREA (PHONE)
 - 10 S-1000 ASSEMBLY AREA (PHONE)
 - 11 THERMAL DETECTOR

EMERGENCY/ALARM RESPONSE

CONTACT CUR BY WALKER PHONE OR CATRONIC HANDSET OR CUR EXTENSION 0131

IDENTIFY TYPE OF EMERGENCY AND LOCATION

PERSONNEL REPORT TO THE NEAREST EGRESS HOIST STATION FOR UNDERGROUND EVACUATION

PERSONNEL REPORT TO THE NEAREST DESIGNATED ASSEMBLY AREA FOR OTHER SITE EMERGENCIES AND CUR ESCAPE ROUTE INSTRUCTIONS

REPORT AN EMERGENCY/ALARM RESPONSE PERSON-IN-CHARGE IS THE U/S/ FE

Figure F-5
Underground Emergency Equipment Locations and Underground Evacuation Routes

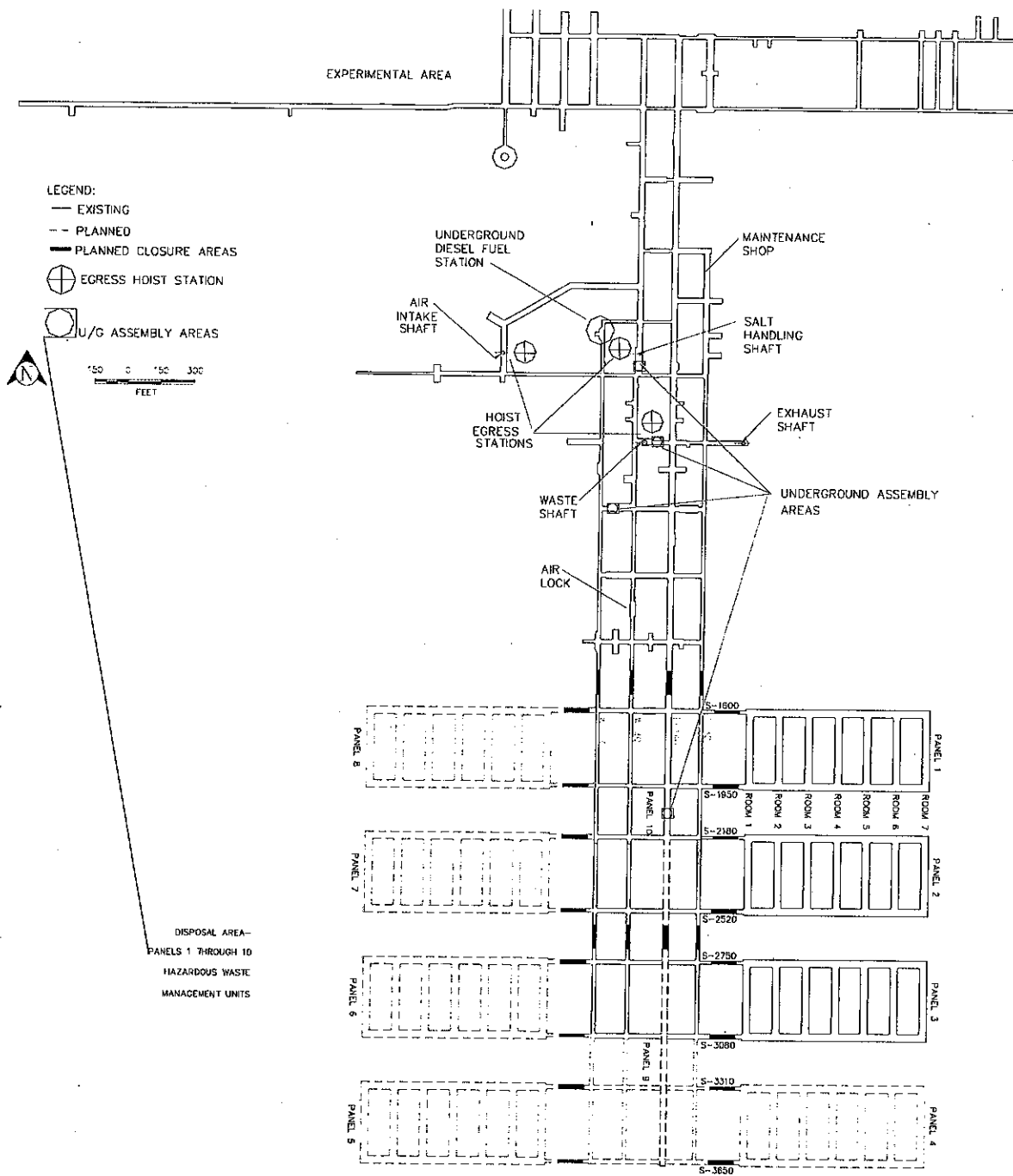


Figure F-9
Designated Underground Assembly Areas

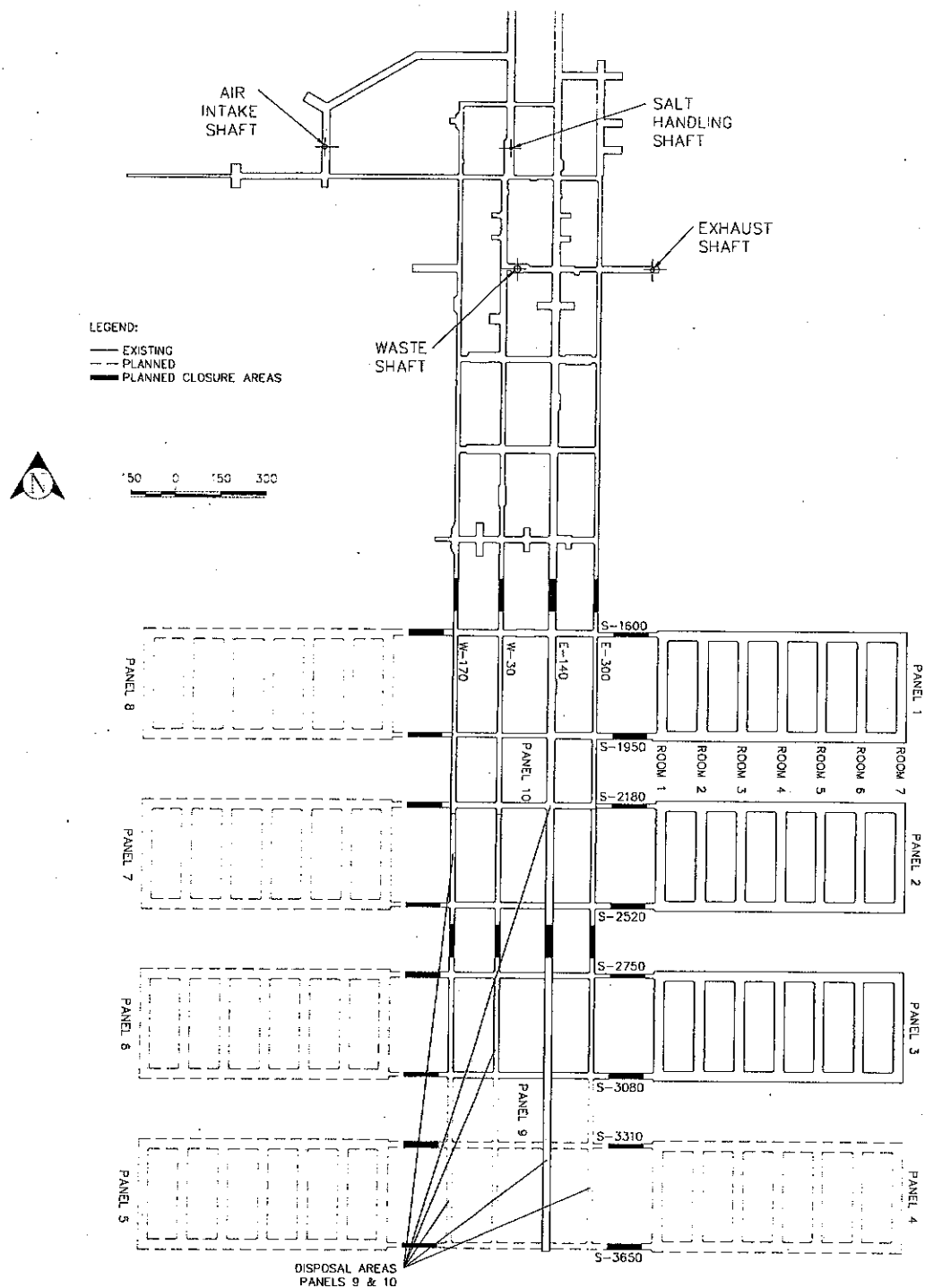
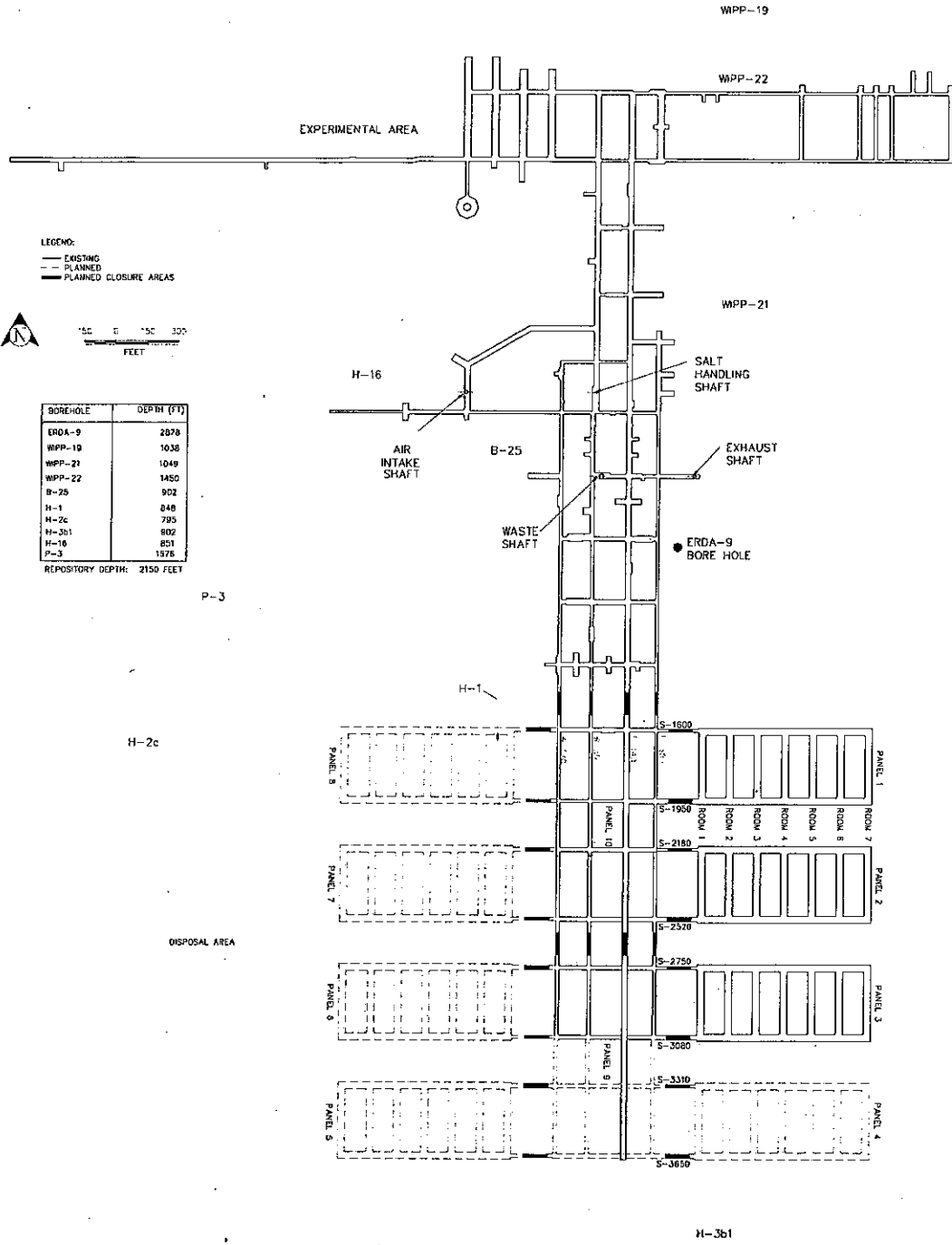


Figure I-1
Location of Underground HWDUs and Anticipated Closure Locations



BOREHOLE	DEPTH (FT)
ERDA-9	2878
WPP-19	1038
WPP-21	1049
WPP-22	1450
B-25	902
H-1	848
H-2c	795
H-2b	802
H-16	851
P-3	1576

REPOSITORY DEPTH: 2150 FEET

Figure I-6
Approximate Location of Boreholes in Relation to the WIPP Underground

H-3b1

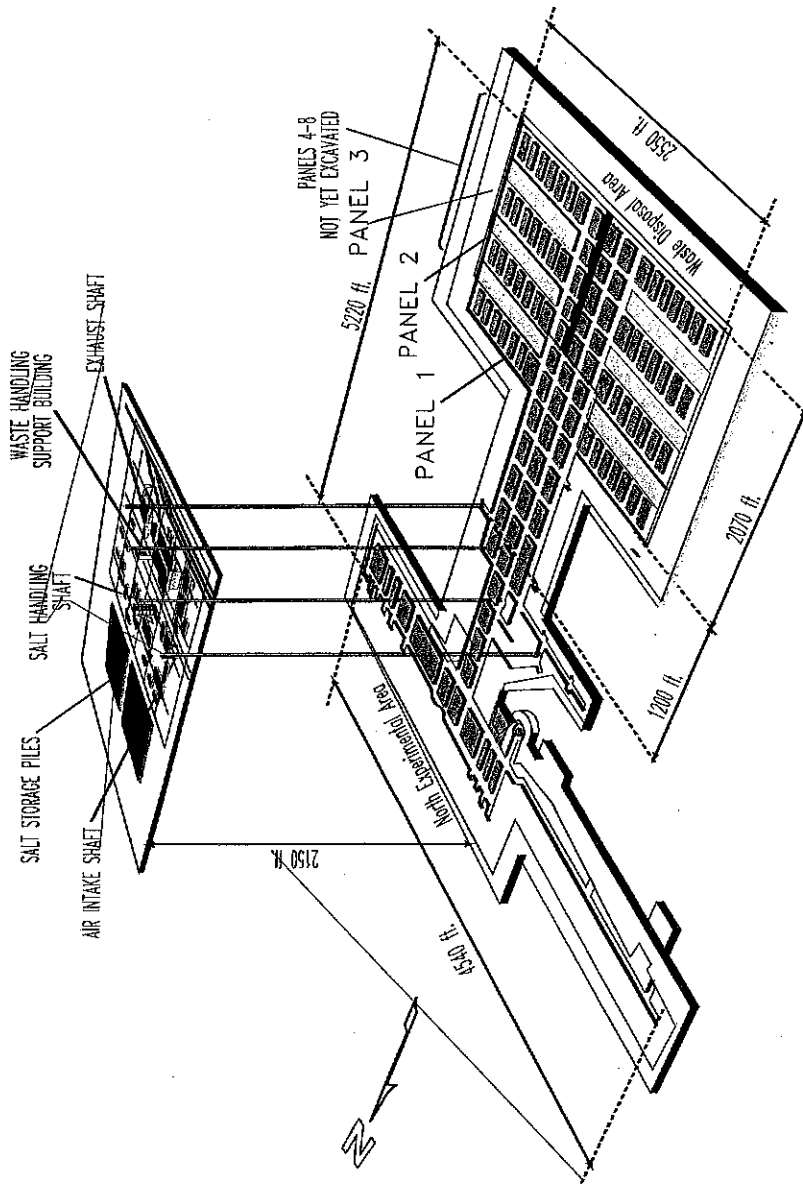


Figure I2-1
View of the WIPP Underground Facility

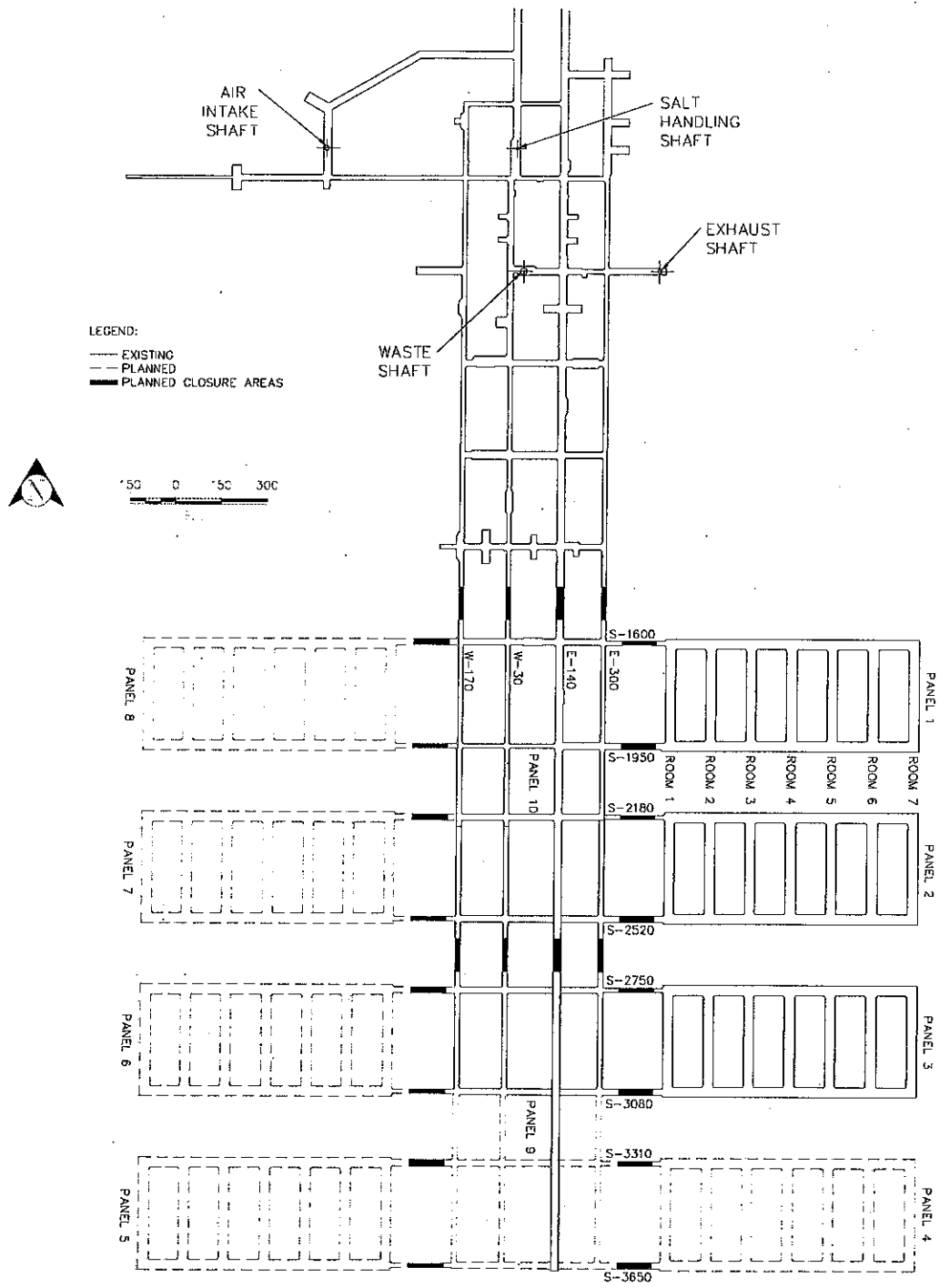


Figure M2-1
 Repository Horizon