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R-012-204 .6

**HEALTH AND SAFETY PLAN FOR THE PLANT 1 PAD SURFACE SOIL
SAMPLING - AN ADDENDUM TO THE WESTINGHOUSE MATERIALS
COMPANY OF OHIO - HEALTH AND SAFETY PLAN FOR THE PLANT
1 PAD CONTINUING RELEASE REMOVAL ACTION**

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PLAN

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HEALTH AND SAFETY PLAN FOR THE
PLANT 1 PAD SURFACE SOIL SAMPLING

AN ADDENDUM TO THE

WESTINGHOUSE MATERIALS COMPANY OF OHIO
HEALTH AND SAFETY PLAN FOR THE
PLANT 1 PAD CONTINUING RELEASE REMOVAL ACTION
(DATED NOVEMBER 1990)

April 1991


S. W. Duce, IT

INTRODUCTION

This addendum to the Westinghouse Materials Company of Ohio's Health and Safety Plan for the Plant 1 Pad Continuing Release Removal Action (the Plan) includes those exceptions that will be made to the Plan. Unless otherwise noted in this addendum all requirements for health and safety will be followed as stated in the Plan. Any variance from from the requirements of the Plan or this addendum will be reviewed and/or approved by ASI/IT's Chief of Health and Safety or his appointed designee.

1.0 TASK TO BE PERFORMED

Twenty two (22) hand auger borings will be made around the perimeter of the Plant 1 Pad. Figure 1 shows the approximate location where the borings will be made, noted by the heavy lines. Boring penetrations will be limited to approximately 24 inches. Samples will be collected approximately every six inches of boring depth.

4.0 MONITORING

4.2.2 Radioactive Surface Contamination

The Health and Safety Field Technician shall monitor each selected sample location for contamination and/or radiation prior to performing any boring at each location to determine if protective clothing requirements are adequate.

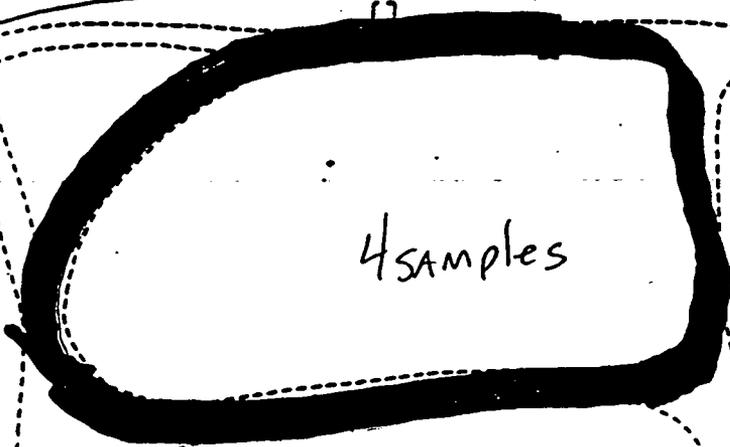
4.2.4 Chemical Hazard

Monitoring for Magnesium Fluoride, Calcium Carbonate, Barium, and soluble compounds will not be required.

4.2.6 Volatile Organic Vapors

Both a 10.2 eV and an 11.7 eV lamp will be used with the HNU photoionization instrument to periodically monitor for volatile organic compounds. Both bore holes and samples should be monitored to determine the presence of volatile organic compounds.

Total hydrocarbon samples will be obtained using either a Tedlar bag or Tenex tube at one or more locations where a positive reading is obtained from the HNU. These samples will be sent off-site for analysis.



4 samples



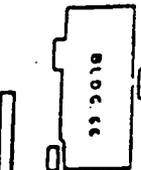
18
SAMPLES

CONTAINMENT
STAGING
AREA

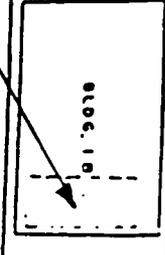
LIGHT POLE



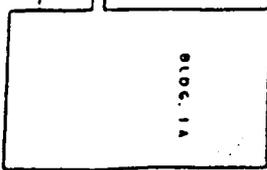
BLOC. 30



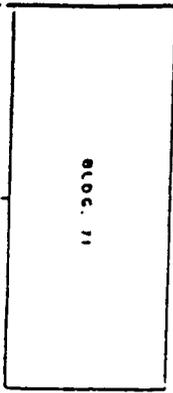
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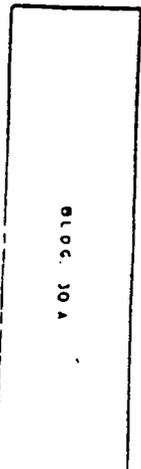
BLOC. 10



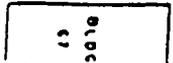
BLOC. 1A



BLOC. 71



BLOC. 30A



BLOC. 3

5.0 PERSONAL PROTECTIVE EQUIPMENT

All sampling personnel will be required to wear level D protective clothing as a minimum. Clothing requirements may be increased based on health and safety monitoring results.

Level D Clothing:

- safety glasses
- gloves (leather, rubber, or surgical as appropriate)
- steel toed boots
- ASI/IT or WMC0 supplied coveralls (Tyvek or cloth)

9.0 DECONTAMINATION

Decontamination reduces contaminant concentrations to acceptable levels, but does not generally remove it totally. Try to avoid contamination where possible by making minimum contact with the contaminant.

11.0 CONTINGENCY PLANS

11.9 Additional Information

11.9.2 Emergency Telephone Numbers

Ambulance:	Radio to Control
Hospital:	Radio to Control
Fire:	Radio to Control

fill out the normal list of names and numbers from the K-65 vertical boring plan Pg. 24 of March 1991 version.

12.8 Emergency Telephone Numbers

Ambulance: Radio to Control
 Hospital: Radio to Control
 Fire: Radio to Control

	Work	Home	Radio
John Wood: Project Director:	(513) 738-3100	[REDACTED]	
Steve Duce, H.P.	(513) 738-3100	[REDACTED]	
Oba Vincent (DOE)	(513) 738-6937	[REDACTED]	
EMERGENCY RESPONSE	(513) 738-6511	or	CONTROL
Industrial Hygiene (WMCO):	(513) 738-6207		357
Radiation Safety (WMCO):	(513) 738-6889		355
Fire and Safety (WMCO):	(513) 738-6235		303
Utility Engineer (WMCO):		202

PROJECT CONTACTS:

ASI/IT Deputy Project Director-John Razor (1) 738-3100 [REDACTED]
 ASI/IT Ops. Supervisor-Doug Harmel (1) 738-3100
 WMCO Health Physics
 Supervisor Don Spahr (513) 738-6672
 Beeper-844-5893

Andy Avel, (DOE)
 Greg McAnarney, (ASI-Albuquerque)
 Lee Vittitow, IH

**NATIONAL HOTLINES FOR
 EMERGENCY REPORTING AND INFORMATION**

Center for Disease Control	404-633-5313
Chemtrec	800-424-9300
CMA Chemical Referral Center	800-262-8200
DOT Hazardous Materials Information	202-366-4488
Emergency Planning and Community Right-to-Know	800-535-0202
Federal Emergency Management Agency	817-898-9104
National Response Center Hotline	800-424-8802
Occupational Safety and Health Administration	800-582-1708
DHM Corporation	800-537-9540