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M-134

Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy

TRIP REPORT	PROJECT: FUSRAP	JOB NUMBER: 14501	DATE(S) OF TRIP: 3/18/91
TRAVELER(S) NAME AND POSITION: Rick Robertson - BNI Project Manager, Bill Seay - DOE-FSRD, Jim Wagoner - DOE-HQ, Gale Hovey - BNI Program Manager			
TRIP TO / PURPOSE: Attend Maywood Borough Council working session to brief them on the RI/FS-EIS status and to discuss a removal action at 90 Ave C.			
PERSONS CONTACTED: See attached attendance list			
RESULTS (USE ADDITIONAL PAGE IF NECESSARY): <p>Jim Wagoner opened DOE's presentation to the Council with a brief introduction and identified the DOE and contractor personnel in attendance. Bill Seay followed with an explanation of DOE-HQ and DOE-ORO organizations. Bill indicated he will be acting as the Maywood site manager until a replacement for Bob Atkin can be found. Rick Robertson then discussed the status of the RI/FS-EIS process. The Council was particularly interested in the fact that no samples analyzed to date had failed the RCRA characteristics tests; therefore, no mixed waste has yet been identified. The Council was also pleased that all known properties, with the exception of 136 West Central Ave. in Maywood, have now been characterized. The Council offered its assistance in gaining access to 136 W. Central so it too can be investigated. Use of Envirocare was discussed, and the Council now understands that Envirocare does not currently have a license for disposal of the Maywood waste. They should have the appropriate license by the end 1991. Finally, Rick discussed plans for conducting a removal action on 90 Avenue C in Lodi. There was general discussion on the need for the action. When asked, Jim Wagoner indicated that the action would be conducted with or without Maywood's cooperation.</p> <p>The handouts from the meeting are attached for reference.</p>			
FOLLOWUP ACTION NEEDED (IDENTIFY ANY SPECIFIC COMMITMENTS): DOE will issue a letter to the Council summarizing the key points of the meeting. DOE will evaluate how quickly 136 West Central Avenue can be cleaned up as a removal action.			
PREPARED BY (NAME): R. C. Robertson	SIGNATURE: <input checked="" type="checkbox"/> <i>R. Robertson</i>	LOCATION: Oak Ridge	DATE: 4/10/91
DISTRIBUTION: Bill Seay Ken Myers Rick Robertson Gale Hovey Mike Redmon Dick Harbert			

Attendees**Maywood Council:**

Mayor Steuert
Councilman Richards
Councilman Napoli
Councilwoman Winnie
Councilman Bernston
Councilman Murphy
Councilman Preziosi
Borough Attorney Rupp
Borough Clerk Rampola

Reporters:

Chris Niedenberg, Shopper News
Kathy Panos, Our Town

Others:

Leslie Cascone, Congressman Torrecelli's staff
Louise Torrell
Peter Torrell

AGENDA

- I. Introduction (5 min)**
 - A. Purpose of Briefing**
 - B. Review of DOE Organization**

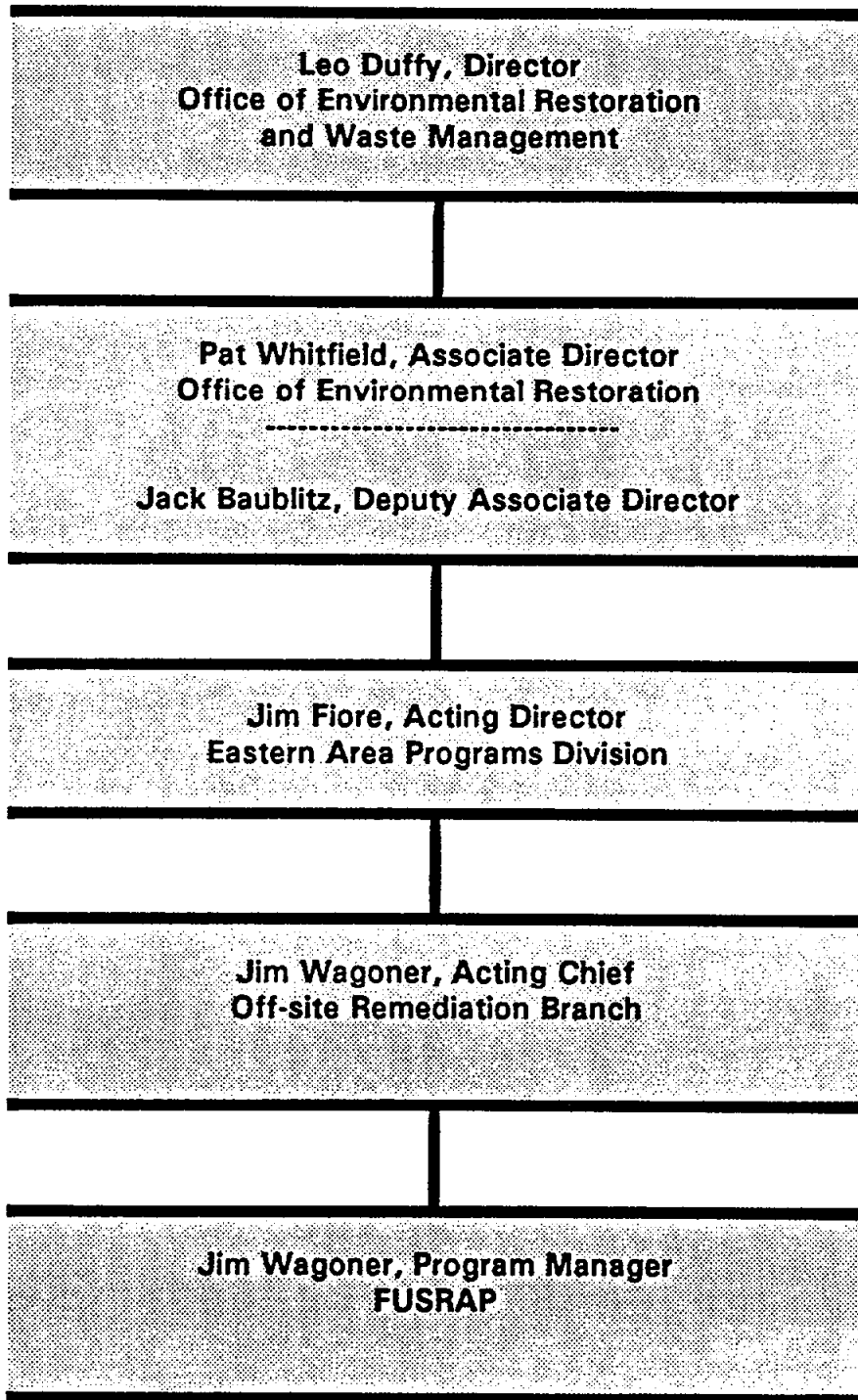
- II. Update on RI/FS-EIS Process (10 min)**
 - A. Federal Facility Agreement**
 - B. Work Plans**
 - C. Remedial Investigation**
 - D. Feasibility Study**
 - E. Overall Schedule**

- III. Update on Response Actions (10 min)**
 - A. Types of Response Actions**
 - B. Maywood Site Removal Actions**

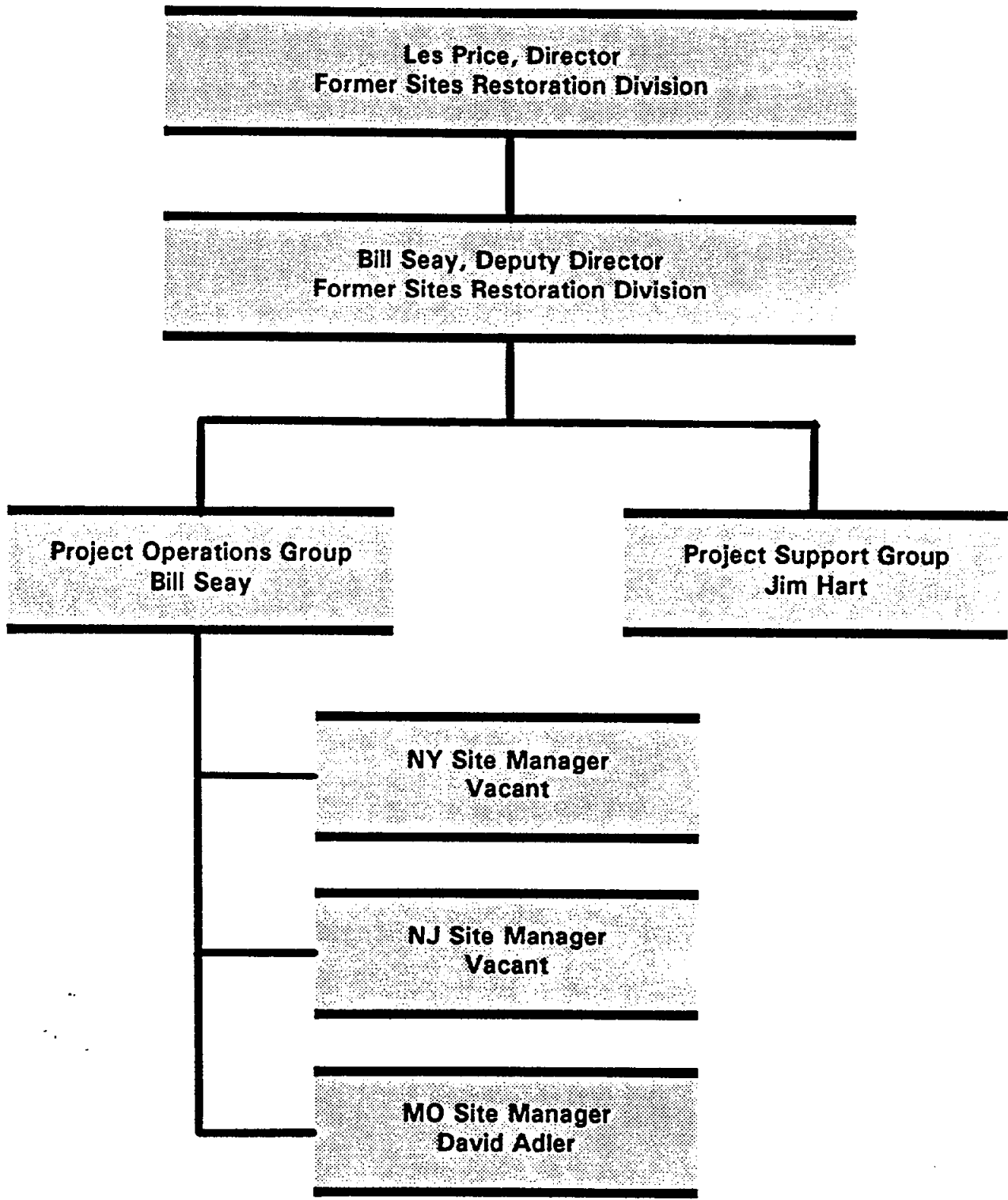
Purpose of Briefing

Provide general update on progress of DOE's RI/FS-EIS process, and brief the Council on plans for remainder of FY-91.

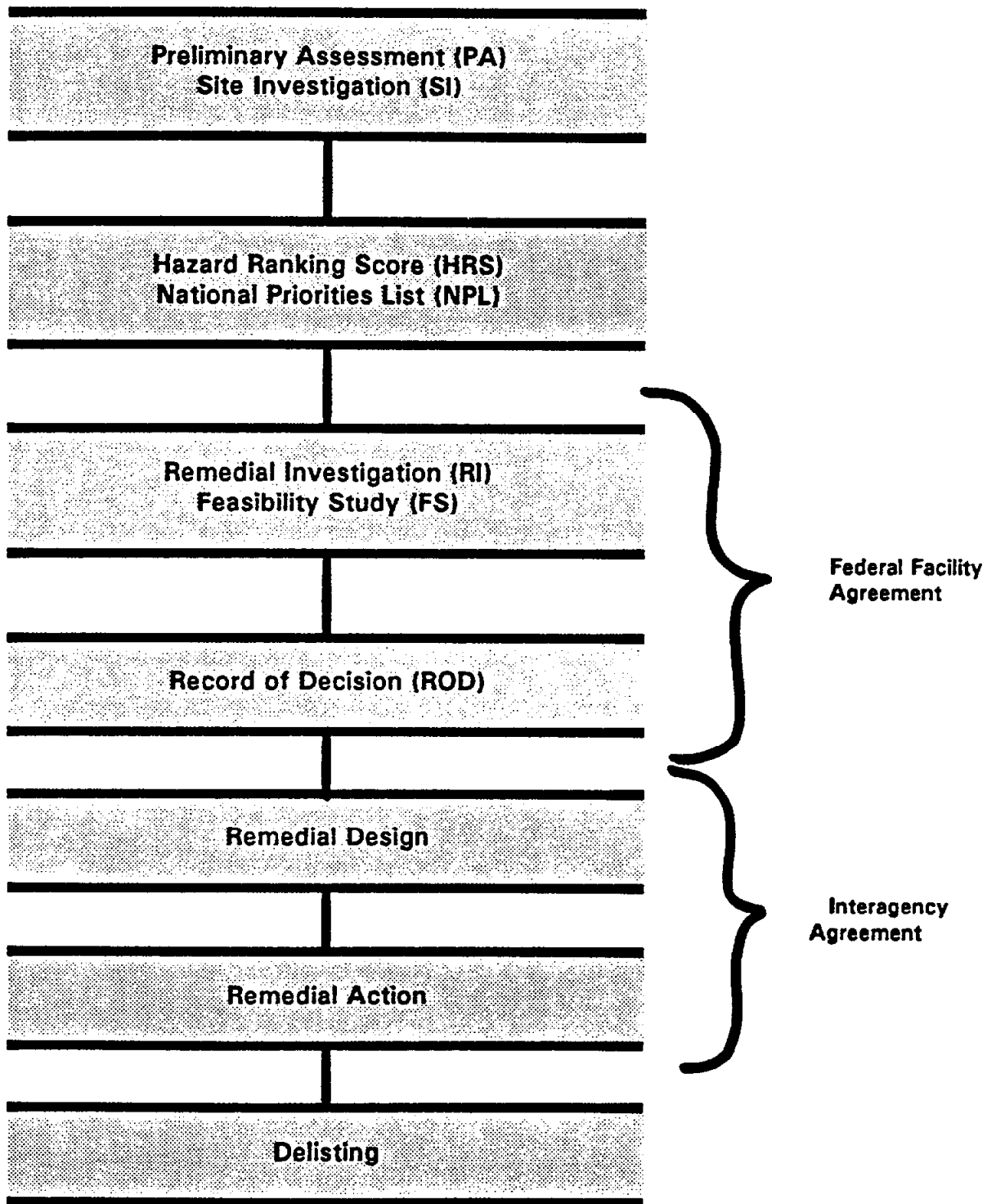
DOE Headquarters Organization



DOE Oak Ridge Organization



Update on RI/FS-EIS Process



Federal Facility Agreement

"Under Section 120 of the Comprehensive Environmental Response, Compensation, and Liability Act as amended by the Superfund Amendments and Reauthorization Act (hereinafter referred to as CERCLA), Federal agencies must enter into an "inter-agency" agreement (IAG) for all necessary remedial actions at Federal facilities on the NPL."

"The Agency is viewing the Section 120 Interagency agreement as a comprehensive document to address hazardous substance response activities at a Federal facility from the remedial investigation/feasibility study (RI/FS) through the implementation of the remedial action."

Federal Facility Agreement

- **Agreement formalizes roles of EPA and DOE in Maywood Site RI/FS**
- **Agreement has been signed by both EPA and DOE**
- **NJDEP elected to not participate in Agreement**
- **Agreement issued for public review in November 1990**
- **EPA and DOE have drafted responses to public comments**
- **Comments did not affect technical content of agreement**
- **Response to public comments should be issued shortly**
- **When responses issued, agreement becomes effective**

Work Plans

- **Work plans were prepared prior to initiation of remedial investigation field work last fall**
- **EPA and NJDEP reviewed documents. All comments have been resolved.**
- **Plans issued for public review in October 1990**
- **Public meeting conducted December 6, 1990**
- **Verbal and written comments received on plans are now being resolved. Responsiveness summary will become part of Work Plan.**
- **Work plan will be published in June 1991.**

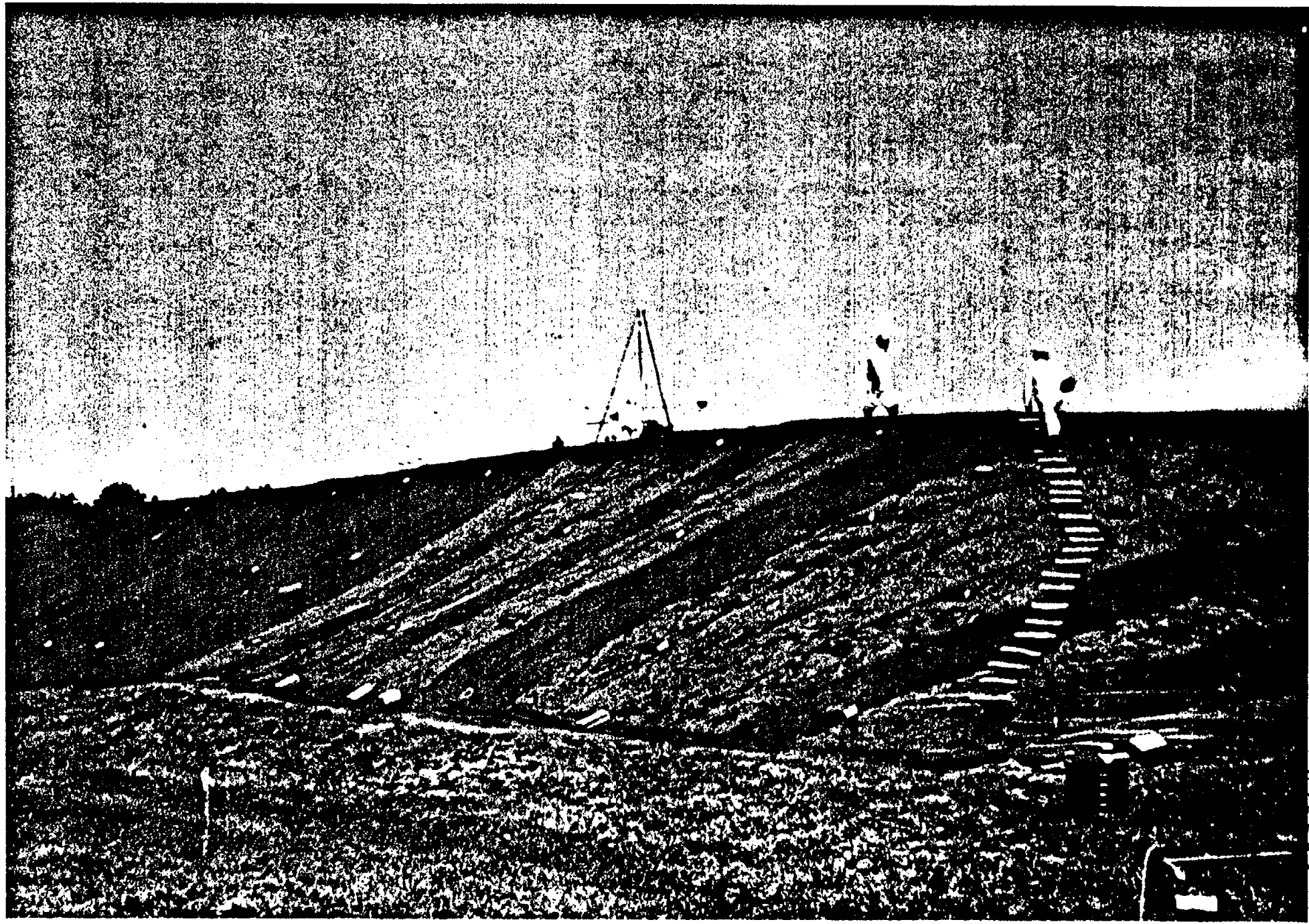
Remedial Investigation

- Remedial investigation field work completed in February 1991.
- All designated properties have been investigated:
 - Stepan Company
 - Maywood Interim Storage Site grounds
 - Maywood Interim Storage Site pile
 - All vicinity properties
- Data from field work now being received from analytical laboratories.
- Data analysis should be complete by June 1991.
- Remedial investigation report now being written.
- First draft of report ready for issue to EPA in approximately 1 year.

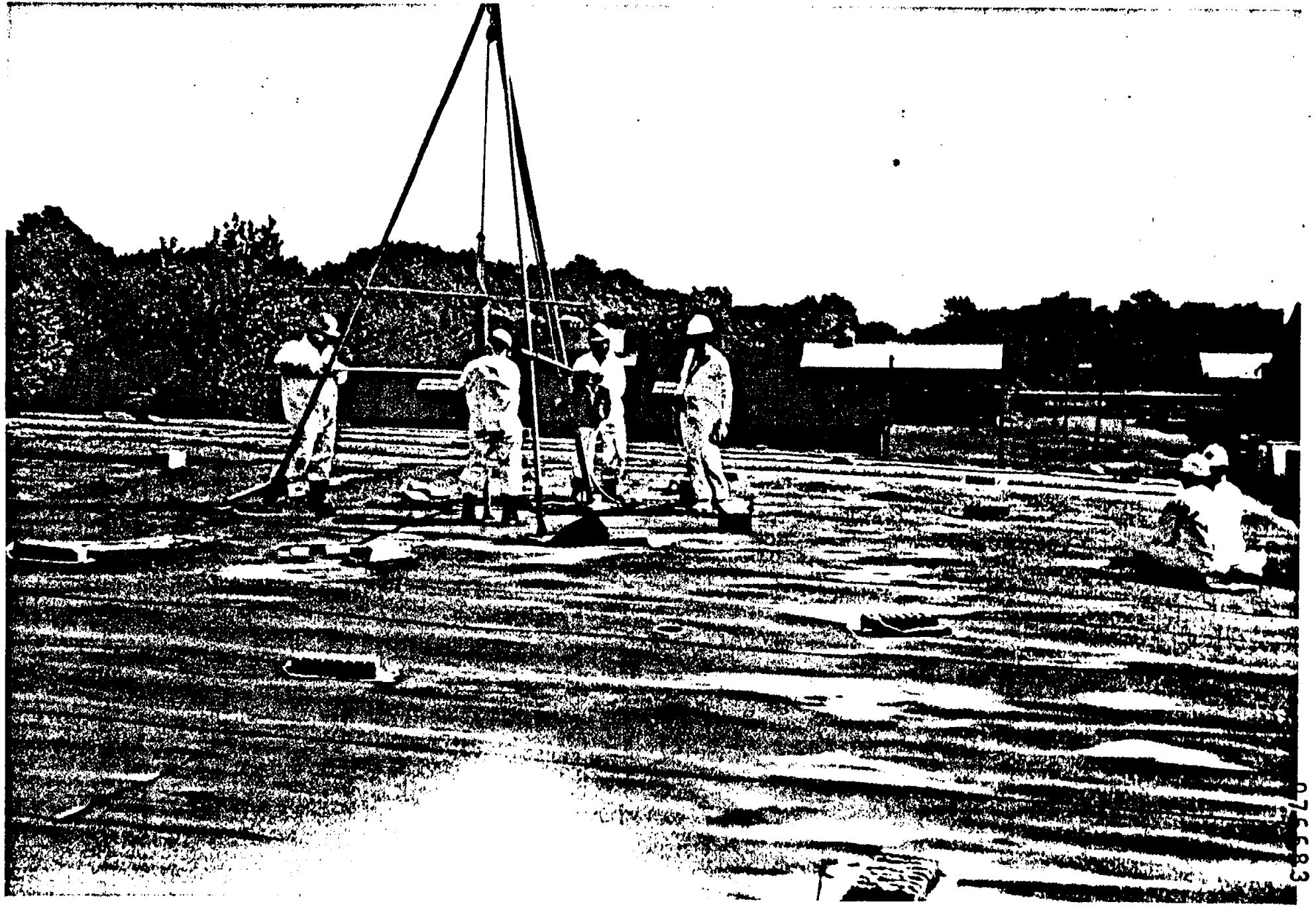
Remedial Investigation

Preliminary results:

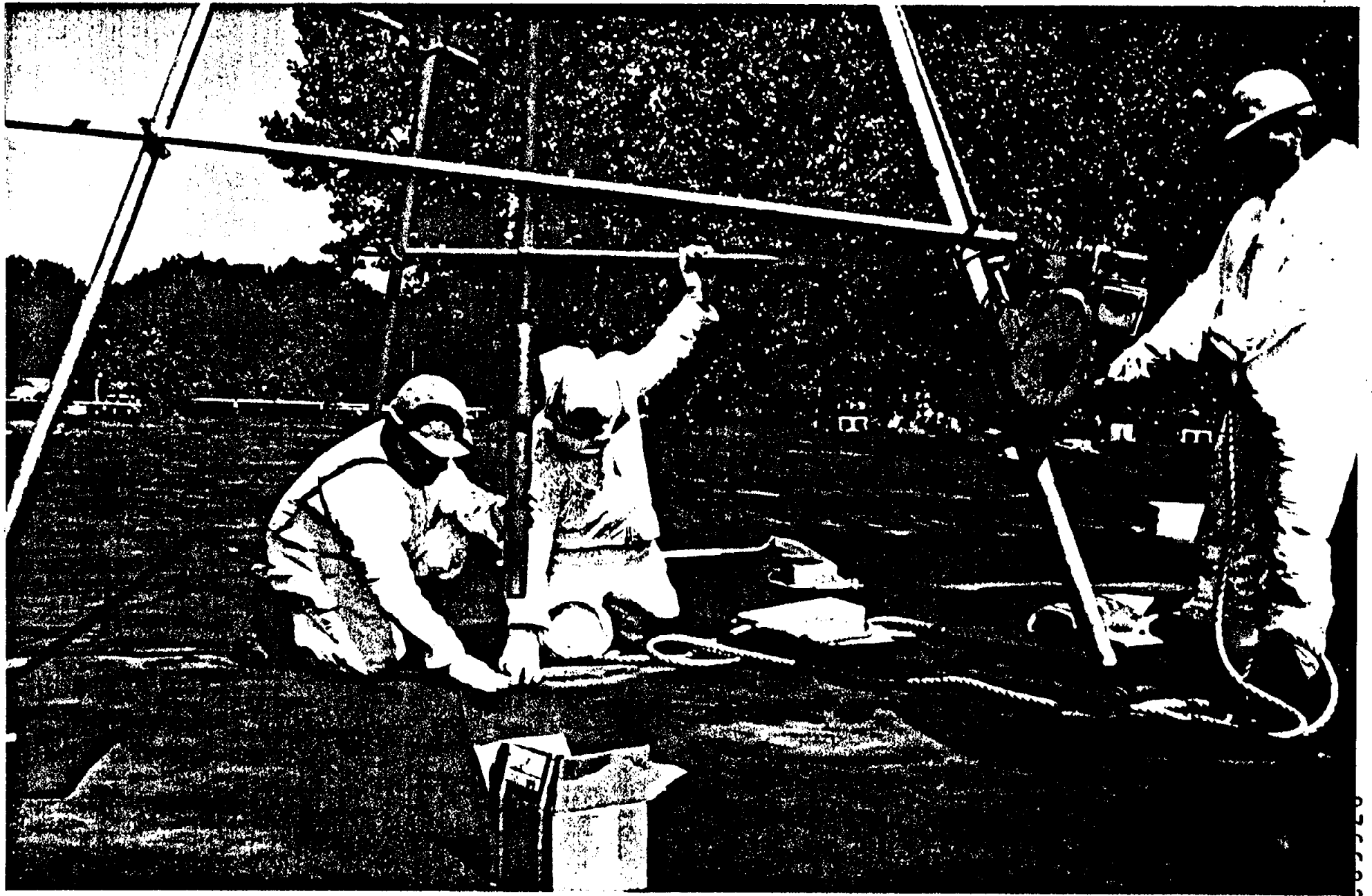
- **No sample results received from laboratories to date have failed EPA's hazardous waste tests**
- **No PCBs detected in any samples received to date from laboratories**
- **Boundaries of radiological contamination appears to have been well defined**
- **One additional Maywood property discovered to have slight amount of radioactive contamination present**
- **Radioactive contamination at Stepan slightly greater than anticipated based on historical surveys**
- **One abandoned Stepan building found to be slightly radioactively contaminated**



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Feasibility Study

- **Feasibility study analyzes alternatives for final remedial action at the Maywood site**
- **Work now starting on first stages of feasibility study preparation**
- **Alternatives being analyzed include:**
 - **No Action**
 - **Disposal at Envirocare, existing DOE facilities, or a "to-be-constructed" site**
 - **Treatment followed by disposal**
 - **Other alternatives identified by public/regulatory input**

Feasibility Study (cont)

Evaluation of Envirocare:

- **FUSRAP and Envirocare officials have met, are discussing issues related to use of the Envirocare facility for FUSRAP wastes, and are maintaining open communication channels.**
- **Maywood site radioactive waste is classified by DOE as "Byproduct material" as defined in section 11(e)(2) of the Atomic Energy Act of 1954, as amended**
- **Envirocare has applied to the Nuclear Regulatory Commission for a license that would allow them to accept this type of byproduct material**
- **DOE understands that the latest projection for receipt of this new license is late 1991.**

*Overall Schedule**

- **Draft Remedial Investigation report to EPA:** Winter 1992
- **Draft RI/FS-EIS Report to EPA and NJDEP:** Summer 1992
- **Public review of draft RI/FS-EIS:** Spring 1993
- **Public review of final RI/FS-EIS:** Summer 1994
- **Publish Record of Decision:** Fall 1994

• **A formal schedule for these documents will be established between DOE and EPA as part of the federal facility agreement.**

Overall Schedule (cont)

Congressman Torricelli has pressed DOE to accelerate the schedule leading to the Record of Decision.

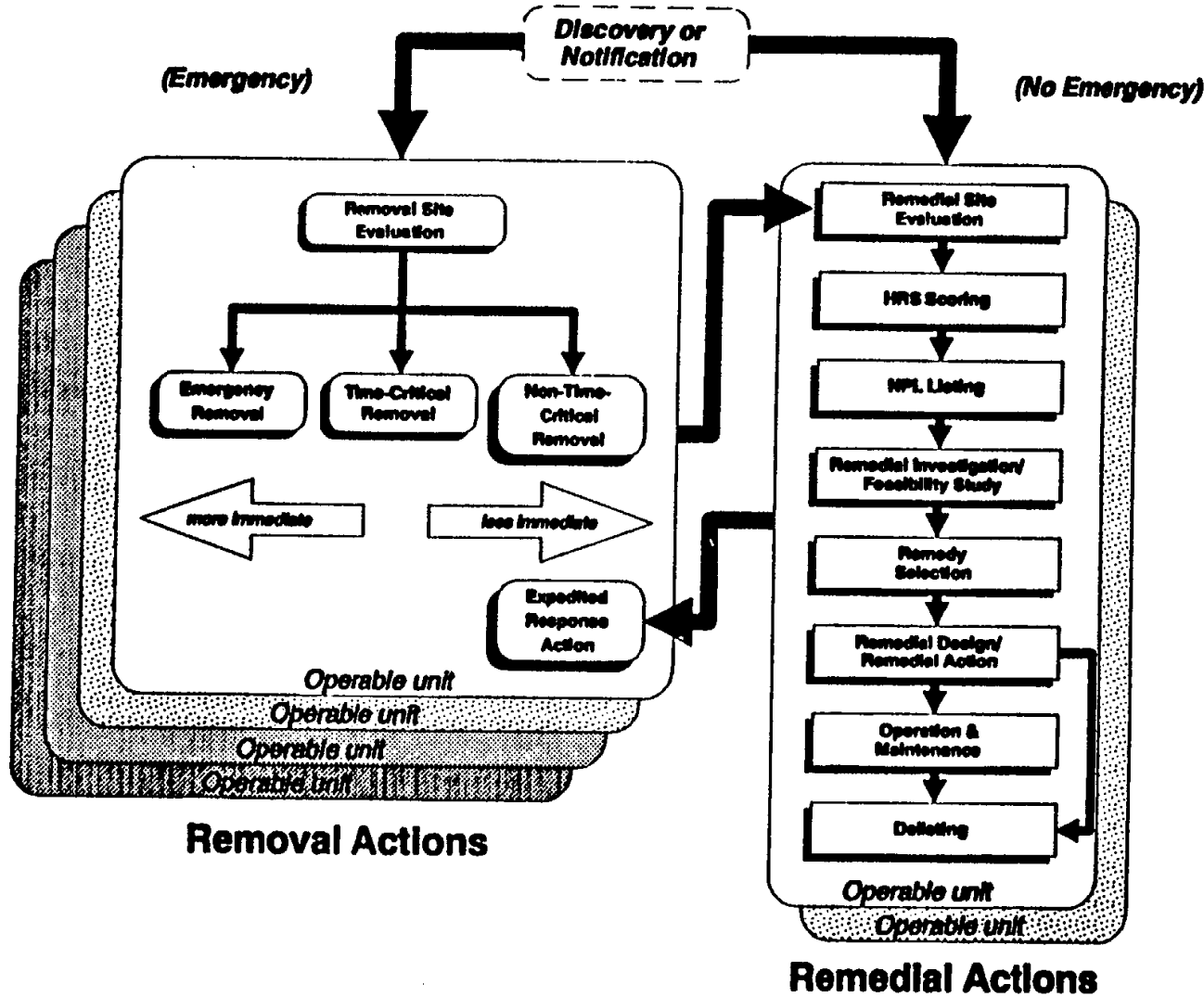
DOE has committed to the Congressman to look for ways to shorten the schedule.

Update on Response Actions

CERCLA authorizes two kinds of response actions:

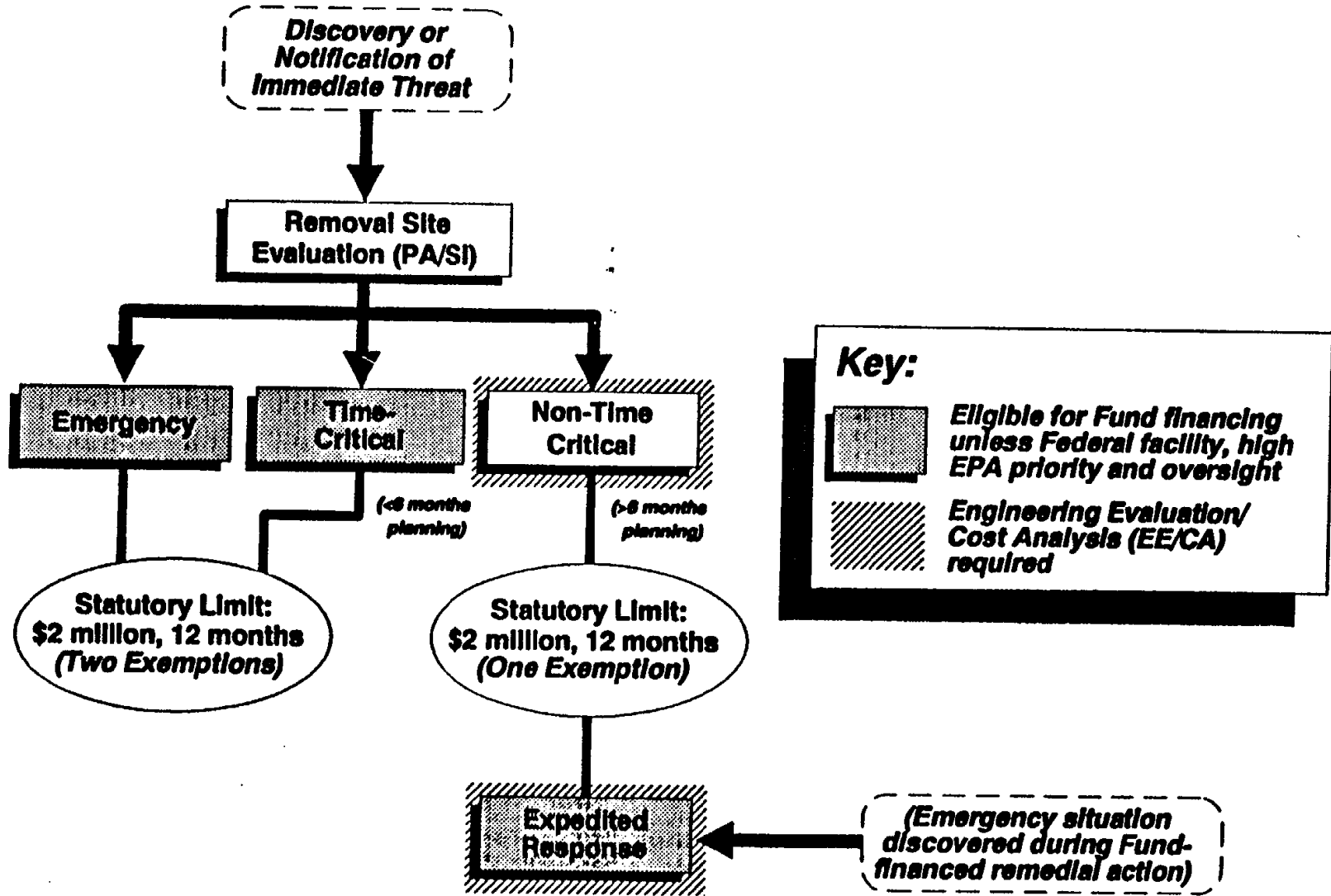
- **Short-term *removals* where actions may be taken to address releases or threats of releases requiring prompt response.**
- **Longer-term *remedial* responses that permanently and significantly reduce the dangers associated with releases or threats of releases of hazardous substances that are serious but not immediately life threatening.**

THE NCP OUTLINES FEDERAL RESPONSE TO RELEASES OF HAZARDOUS SUBSTANCES



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REMOVAL ACTIONS ARE TAKEN WHEN THREATS ARE IMMEDIATE



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Maywood Site Removal Actions

- To date, 82 vicinity properties have been identified as radioactively contaminated.
- To date, 25 properties have been cleaned up via "non-time critical removal actions."
- One property has been identified that requires a "time-critical removal action" to alleviate elevated radiation exposure rates. The property is located at 90 Avenue C in Lodi.

90 Avenue C Removal Action

- **Property is occupied by family with 3 children**
- **Upstairs is rented to a boarder**
- **Contamination is present in the wood of the kitchen structure including one wall, and window frames.**
- **The concrete foundation below the kitchen is radioactively contaminated.**
- **Radiation dose rates in the kitchen exceed DOE and EPA standards under some occupancy scenarios.**

90 Avenue C Removal Action (cont)

Removal Action Detailed Planning:

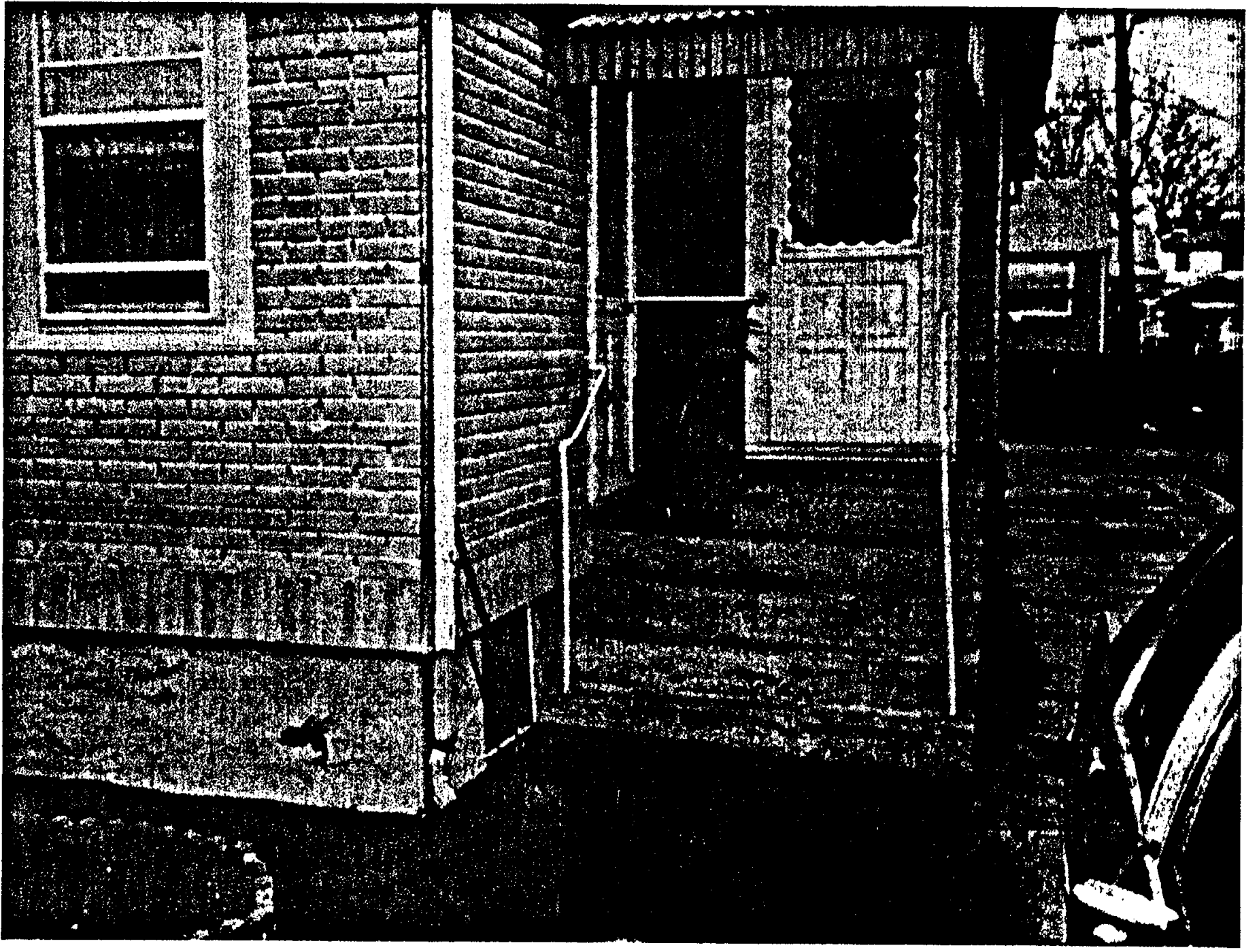
- Remove the kitchen - segregating contaminated and uncontaminated wood. Uncontaminated wood will be taken to local landfill. Contaminated wood will be placed in Low-Specific Activity (LSA) boxes. Each box is 6 x 4 x 4 ft.
- Remove foundation and segregate contaminated and uncontaminated waste. Retain contaminated waste in LSA boxes.
- Remove contaminated soil from property and place in LSA boxes.
- Approximately 15 LSA boxes will be needed for storage of the contaminated materials.
- LSA boxes cannot be realistically stored on the property; therefore, they will be transported to MISS and stockpiled. They will not be incorporated into the pile unless it is opened for another reason.



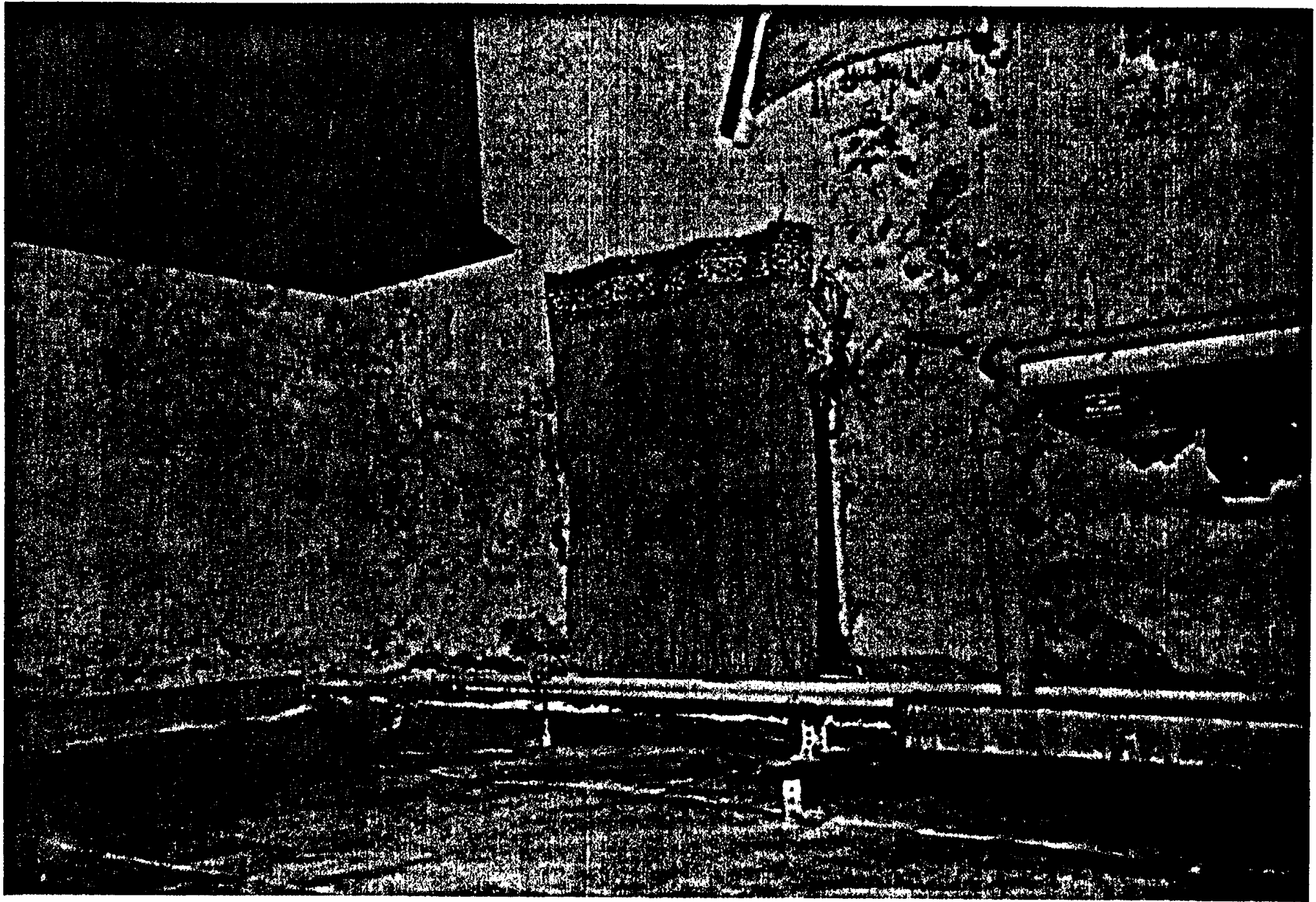
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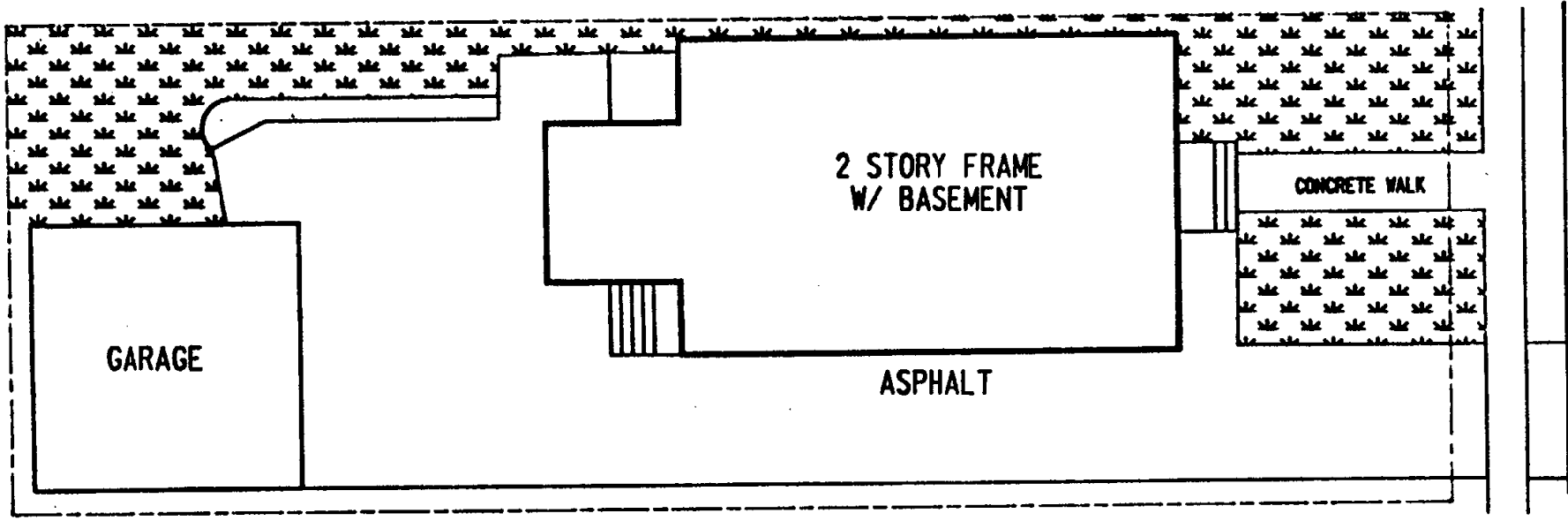


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