

United States Government

Department of Energy

## memorandum

Record File

Albuquerque Operations Office

WM Project 39

Docket No. \_\_\_\_\_

PDR ☒

LPDR \_\_\_\_\_

DATE: NOV 19 1985

REPLY TO  
ATTN OF: UMTRA:DMB

Distribution:

LBH D2MGNUGNOLE

(Return to WM 623-SS)

SUBJECT: IMPLEMENTATION OF NEW PLANNING/DESIGN DEVELOPMENT PROCESS

*Sent to D. MARTIN*

To: Those on attached list

As a result of recommendations made by participants of a Value Engineering Workshop and the development of additional details for the process, the following information for future implementation of site remedial action activities is provided. The primary purpose for the revised process is to assure that the States/Tribes and NRC are more fully involved in the total remedial action process.

1. The previously utilized Discussion Papers will be expanded and will be entitled Comparative Analysis of Disposal Site Alternatives Report (CADSAR). A separate Early Site Assessment report (ESA) will not be required and the information previously included in the ESA should be included in the preliminary CADSAR which will serve as an agreed upon plan of attack among the participating agencies (DOE, NRC and States/Tribes). The preliminary CADSAR will include a description of remedial action options, implementation schedule, identification and preliminary assessment of transportation options, a summary of historical information and initial site characterization work, a description of processing and disposal site (if required) characterization activities to be performed, key technical issues to be resolved, and Rough Order of Magnitude (ROM) cost estimates for remedial action. Additional remedial action options not included in the preliminary CADSAR will not be considered.

The preliminary CADSAR will be sent to the participating agencies for review and comment. All significant issues and concerns relative to the preliminary CADSAR should be resolved prior to DOE or its contractors proceeding with any substantial characterization activities for a particular processing or potential disposal site.

The CADSAR will be finalized after full site characterization activities have been completed. The final CADSAR will include a technical evaluation of disposal

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sites for ability to comply with the EPA standards, a summary of the site characterization data collected, a description of proposed conceptual designs, for the highest ranking options, updated ROM cost estimates of the remedial action options, a brief discussion of key environmental and social concerns for each remedial action option and a ranking of the remedial action options. Typically after participating agency review of the Final CADSAR, a public meeting should be conducted to obtain public input regarding preferred alternatives.

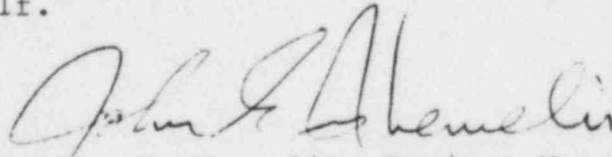
The alternate site selection process will occur simultaneously with and be completed at the same time as the CADSAR. The final CADSAR will be the basis for selecting the preferred option.

2. Processing Site Characterization Reports (PSCR) and Disposal Site Characterization Reports (DSCR) (if required) will be developed as documents which are appendices to the RAP. They will entail a consolidation of all pertinent site characterization data. PSCR's and DSCR's will be issued to participating agencies for review concurrently with the draft RAP. PSCR's and DSCR's will be finalized by incorporating appropriate comments from RAC, DOE and participating agencies into them. Finalization would occur simultaneously with finalization of the RAP. When final RAP's are issued for information, the PSCR's and DSCR's (appendices) will normally only be provided to participating agencies.
3. Prior to the release of draft NEPA documents, states/tribes, EPA and NRC will be briefed on proposed alternatives for site remedial actions. This is to assure that they are in general agreement with the alternatives and concepts presented therein prior to issuance. The DOE project engineer and TAC site manager are responsible for organizing and implementing these briefings.
4. After completion and issuance of the draft RAP/conceptual design/design criteria, a formal review meeting will be conducted with participating agencies. The DOE project engineer and TAC staff will make presentations describing proposed design concepts. The purpose of the conceptual design presentation is to solicit concerns from participating agencies so issues can be resolved or a method for resolution can be agreed upon for detailed design.

5. The RAC will normally begin full detailed design when there is a consensus among the participating agencies regarding the proposed design concept.
6. The RAC Final detailed design will be included in the final RAP. The Final RAP will be compiled by the TAC for DOE.

Charts depicting the revised processing site remedial action process and participating agency involvement are attached.

The above process will be implemented immediately. For sites where a recommendation applies to a phase of implementation which has already been completed, revision or rework of documents will most likely not be required. If you have questions or comments on the above, please contact David Ball, Kathy Carlson, or myself.

A handwritten signature in cursive script, reading "John G. Themelis".

John G. Themelis, Project Manager  
Uranium Mill Tailings Project Office

Attachment

ADDRESSEES - Memorandum dated

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## **PURPOSE OF NEW REMEDIAL ACTION IMPLEMENTATION PROCESS**

- **ASSURE FULL STATES/TRIBES PARTICIPATION**
- **IMPROVE NRC COORDINATION DURING  
DESIGN DEVELOPMENT**
- **OPTIMIZE THE PROCESS FOR OBTAINING  
CONSENSUS ON A PREFERRED OPTION**



# **PRIMARY CHANGES FOR NEW PROCESS**

- **"COMPARATIVE ANALYSIS OF DISPOSAL SITE ALTERNATIVES REPORT" (CADSAR)**
  - **AGREED UPON PLAN OF ATTACK**
- **FINAL REMEDIAL ACTION PLAN WILL INCLUDE DETAILED DESIGN**
  - **PARTICIPATING AGENCIES WILL CONCUR ON COMPLETED DESIGN RATHER THAN CONCEPTUAL DESIGN**
- **PSCR's AND DSCR's WILL BE MERGED INTO REMEDIAL ACTION PLANS**

# **DRAFT CADSAR**

## **● CONTENT**

- EARLY SITE ASSESSMENT INFORMATION**
- REMEDIAL ACTION OPTIONS TO BE LOOKED AT**
- PRELIMINARY ASSESSMENT OF TRANSPORTATION OPTIONS**
- SUMMARY OF HISTORICAL INFORMATION**
- DESCRIPTION OF PROCESSING AND DISPOSAL SITE CHARACTERIZATION ACTIVITIES TO BE PERFORMED**
- LISTING OF KEY TECHNICAL ISSUES**
- ROUGH ORDER OF MAGNITUDE COST ESTIMATES**

- REMEDIAL ACTION OPTIONS NOT INCLUDED IN CADSAR WILL NOT BE CONSIDERED**

# **FINAL CADSAR**

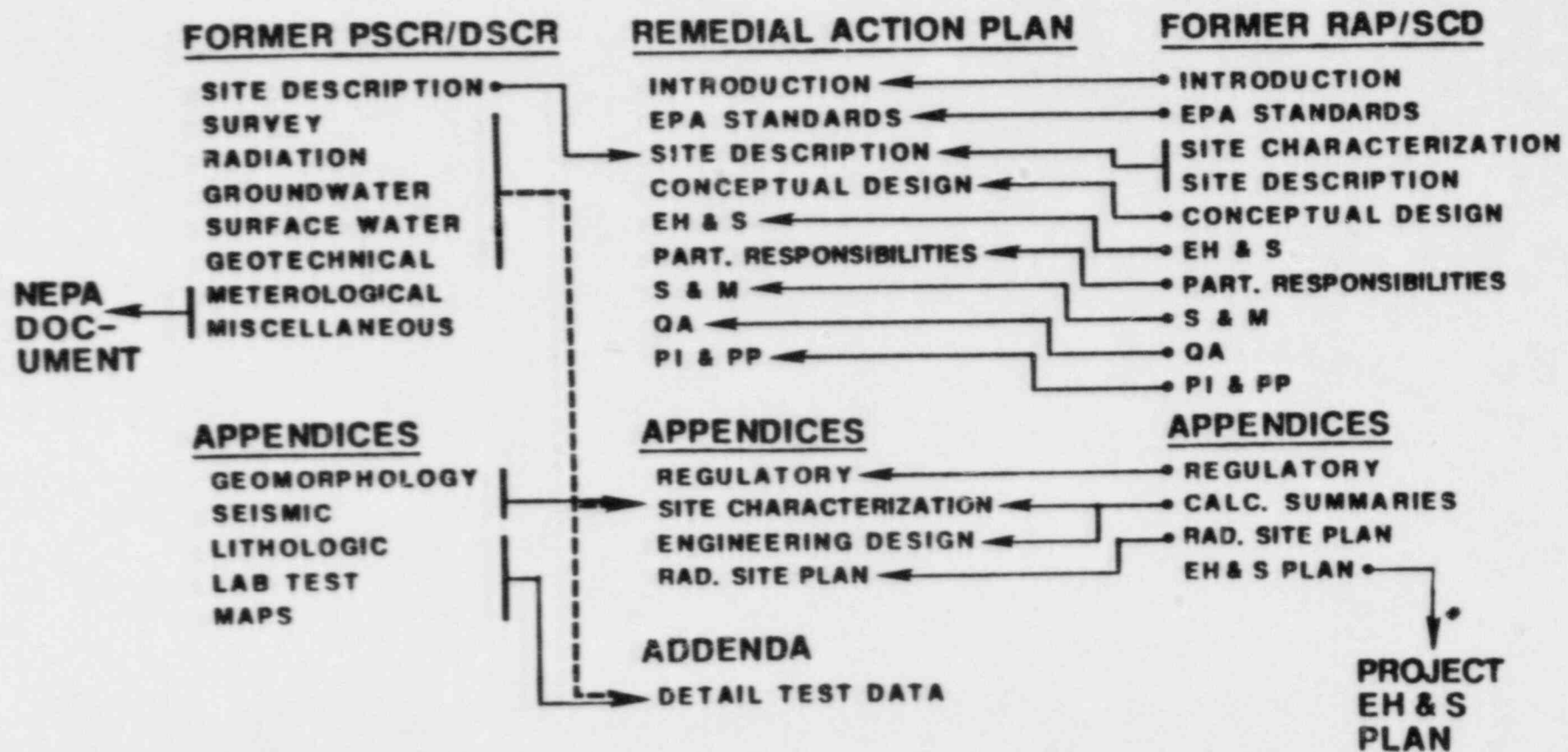
## **● CONTENT**

- TECHNICAL EVALUATION OF DISPOSAL SITES**
- SUMMARY OF SITE CHARACTERIZATION DATA**
- DESCRIPTION OF PROPOSED CONCEPTUAL DESIGNS**
- DISCUSSION OF KEY ENVIRONMENTAL  
AND SOCIAL CONCERNS**
- EVALUATION OF TRANSPORTATION OPTIONS**
- RANKING OF REMEDIAL ACTION OPTIONS**
- BUDGET ESTIMATES FOR OPTIONS**

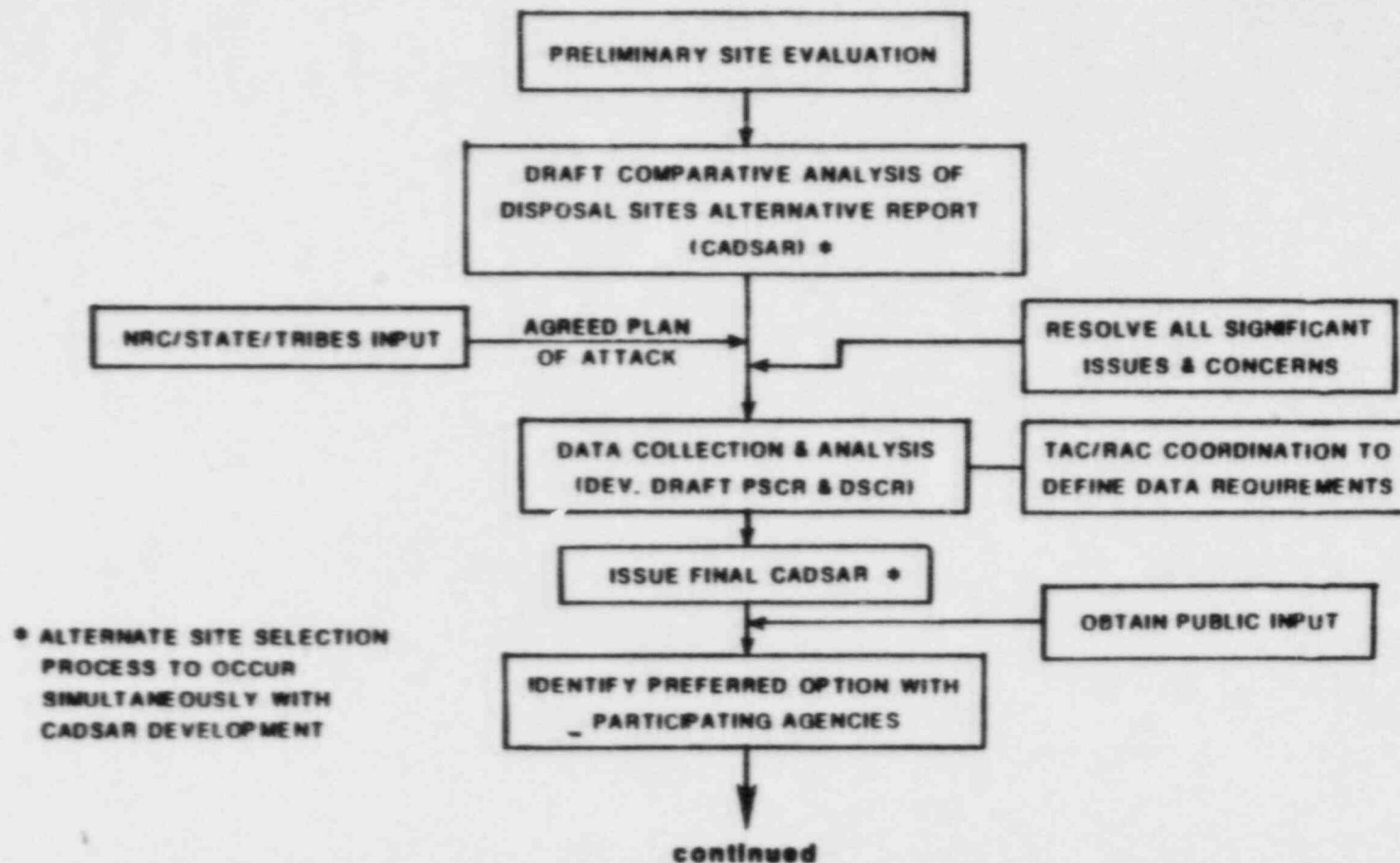
## **● PURPOSE**

**MUTUALLY AGREE UPON PREFERRED ALTERNATIVE**

# MERGER OF PSCR/DSCR WITH RAP



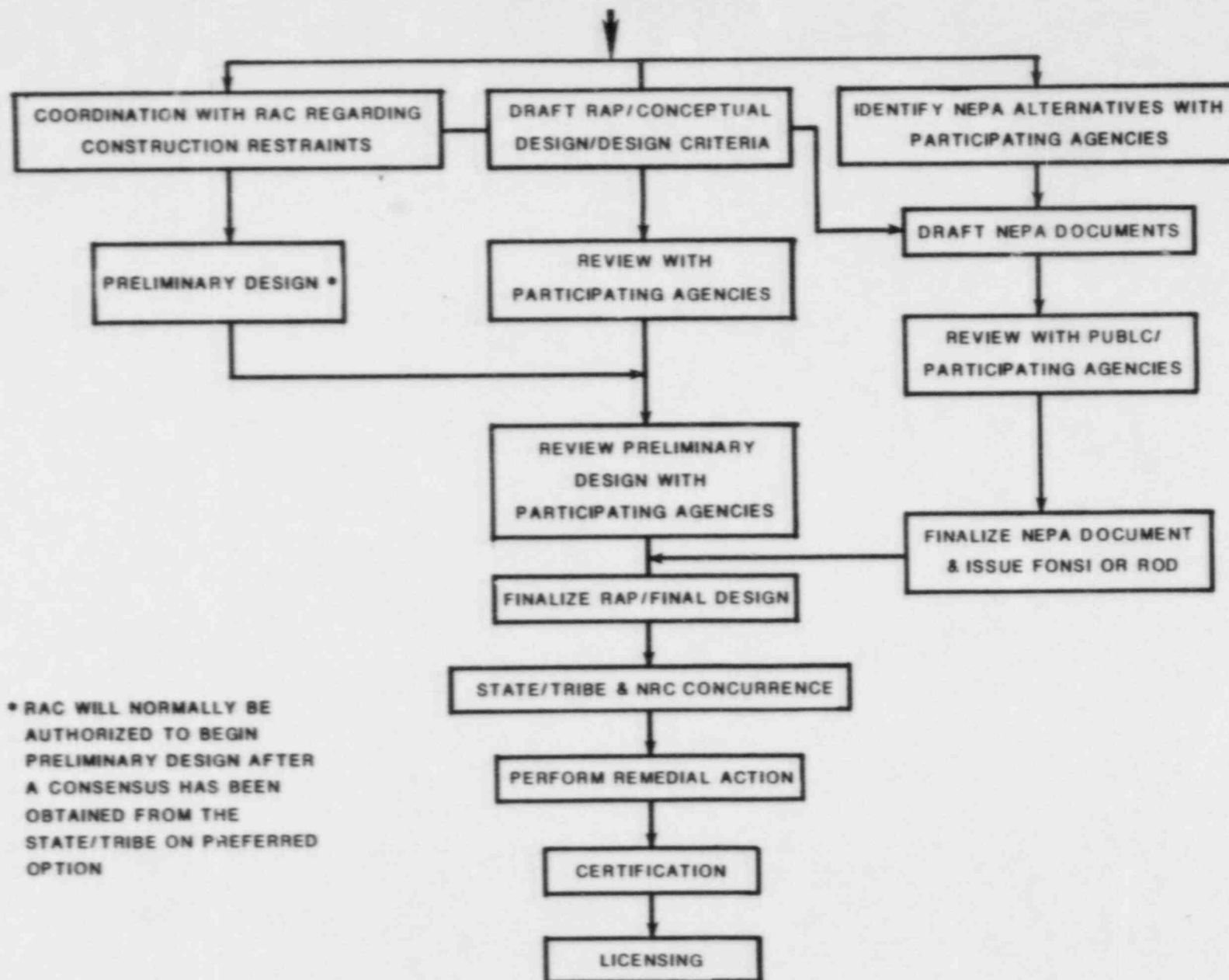
# FLOW CHART FOR REMEDIAL ACTION ACTIVITIES





# FLOW CHART FOR REMEDIAL ACTION ACTIVITIES

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# **PARTICIPATING AGENCY FORMAL INVOLVEMENT**

<b>DRAFT CADSAR</b>	<b>——</b>	<b>REVIEW AND COMMENT</b>
<b>FINAL CADSAR</b>	<b>——</b>	<b>MUTUALLY IDENTIFY PREFERRED ALTERNATIVE</b>
<b>NEPA DOCUMENT</b>	<b>——</b>	<b>REVIEW AND COMMENT</b>
<b>DRAFT REMEDIAL ACTION PLAN/CONCEPTUAL DESIGN</b>	<b>——</b>	<b>REVIEW AND COMMENT</b>
<b>PRELIMINARY DESIGN</b>	<b>——</b>	<b>REVIEW AND COMMENT</b>
<b>FINAL REMEDIAL ACTION PLAN/FINAL DESIGN</b>	<b>——</b>	<b>CONCUR</b>