



Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057

Writer's Direct Dial Number

January 15, 1981
LL2-81-0005

TMI Program Office
Attn: Mr. Lake Barrett, Deputy Director
U. S. Nuclear Regulatory Commission
c/o Three Mile Island Nuclear Station
Middletown, Pennsylvania 17057

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Disposal of EPICOR II and Low Activity
SDS Ion Exchange Media

This letter follows my subject letter of October 6, 1980 (TLL 503), Mr. Collins' letter of October 27, 1980, telephone conversations between NRC and GPU management personnel, and discussions on December 18, 1980 between NRC and GPU personnel.

Transmitted herewith are schedule-related documents bearing on the solidification of ion exchange media in TMI-2. These have been revised as discussed. These documents are:

- o EPICOR II Liner Solidification Overview Schedule (12/18/80)
- o EPICOR II Solidification Overview Logic (12/18/80)

It should be noted that GPU will be reexamining these plans pursuant to the comments in Chairman Ahearne's letter to Mr. Dieckamp of January 12, 1981, regarding the possibility of alternative methods to stabilize EPICOR II spent resins.

If you have any questions or comments on these documents, we would be pleased to discuss them with you.

Sincerely,

G. K. Hovey,
Vice-President and
Director, TMI-2

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

GKH:RIN:djb

Attachments
cc: Bernard J. Snyder

Metropolitan Edison Company is a Member of the General Public Utilities System

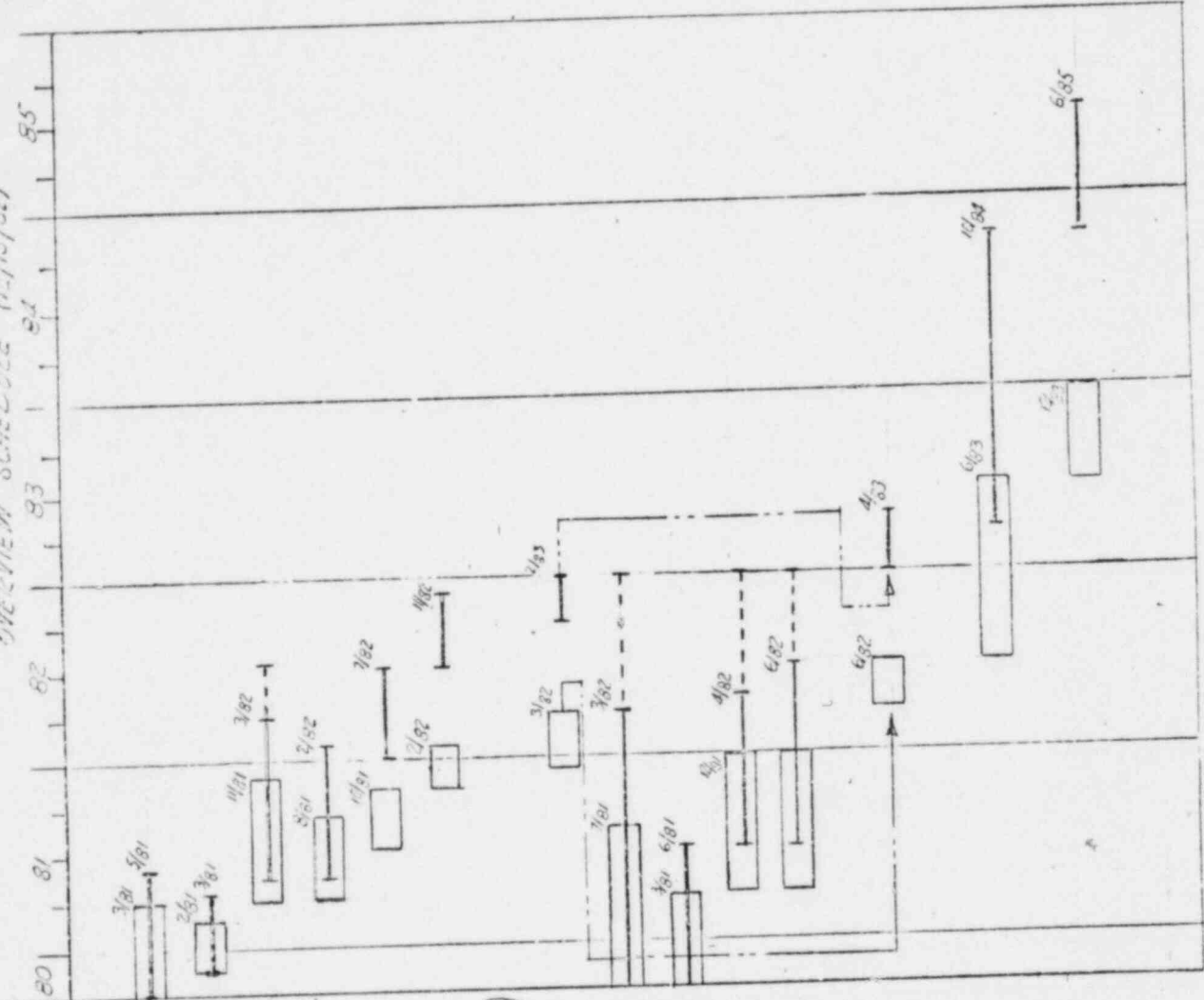
4001
5
111

8101280534

P

EPICOR II LINER SOLIDIFICATION OVERVIEW SCHEDULE (12/18/82)

OPTIMISTIC
 NOMINAL



BLOCKED TITLES CORRESPOND TO LOGIC DIAGRAM EVENTS

PHASE I SOLIDIFICATION PROJECT (LOW ACTIVITY LINERS)

- SOLIDIFICATION BID PROCESS
- EVALUATE LINERS FOR TRU/SMM
- PORTABLE SOLIDIFICATION HARDWARE
- PORTABLE SYSTEM PCB TER
- NRC APPROVAL OF TER

SOLIDIFY - LOW ACTIVITY LINERS

PHASE II SOLIDIFICATION EVALUATION (HIGH ACTIVITY LINERS)

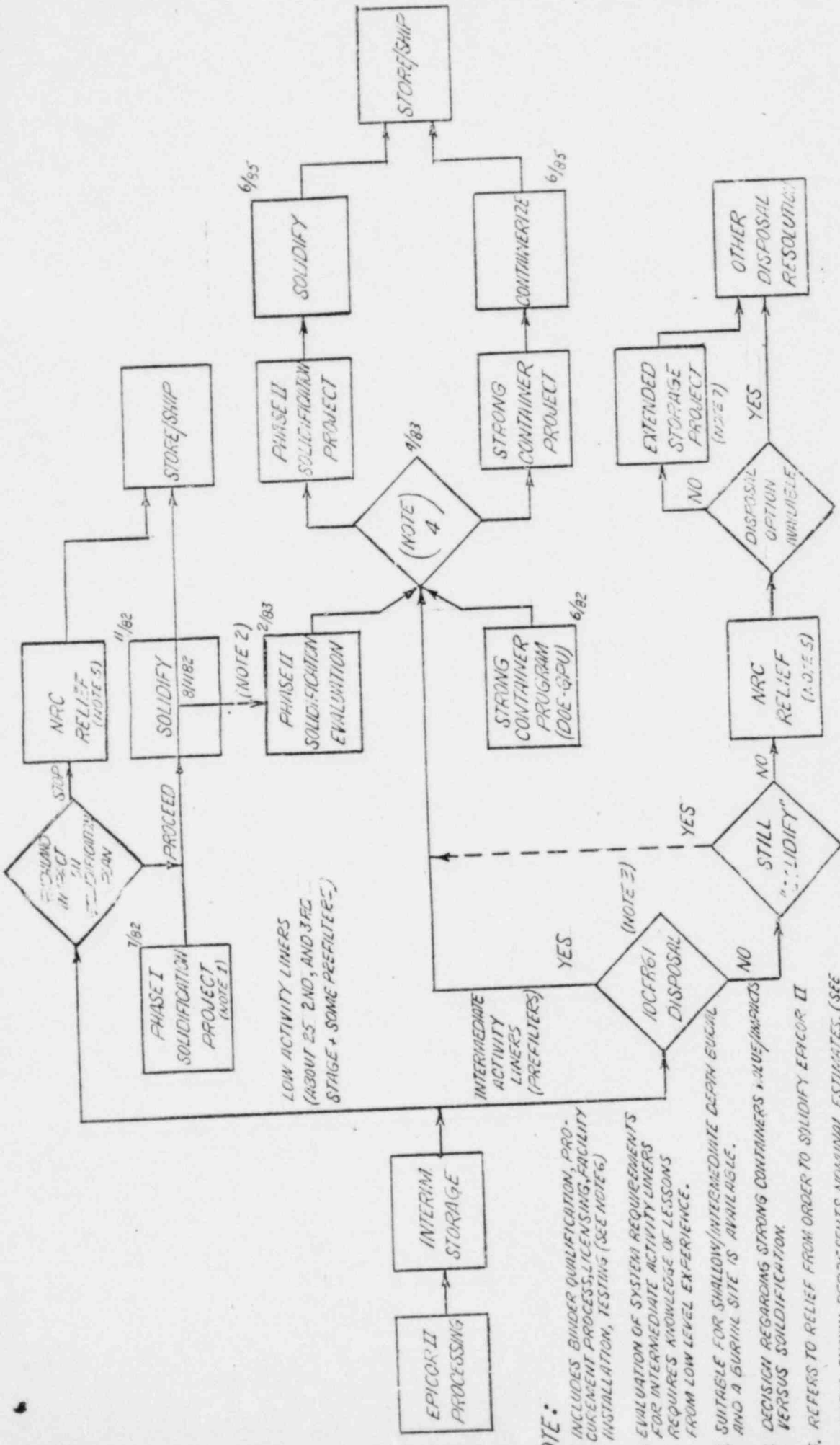
- EVALUATE SOLIDIFICATION LESSONS LEARNED
- LINER CHARACTERIZATION (DOE)
- STRONG CONTAINER PROGRAM
- STRONG CONTAINERS DEFINITION (DOE)
- STRONG CONTAINER DEMO (DOE)
- STRONG CONTAINER DESIGN & APPROVAL (GPU)

DECISION ON STRONG CONTAINER OR SOLIDIFICATION

SOLIDIFICATION OR STRONG CONTAINER PROJECT

SOLIDIFY OR CONTAINERIZE

EPICOR II SOLIDIFICATION OVERVIEW LOGIC (12/18/82)



NOTE:

1. INCLUDES BINDER QUALIFICATION, PRO-CUREMENT PROCESS, LICENSING, FACILITY INSTALLATION, TESTING (SEE NOTE 6)
2. EVALUATION OF SYSTEM REQUIREMENTS FOR INTERMEDIATE ACTIVITY LINERS REQUIRES KNOWLEDGE OF LESSONS FROM LOW LEVEL EXPERIENCE.
3. SUITABLE FOR SHALLOW/INTERMEDIATE DEPTH EARTH AND A BURIAL SITE IS AVAILABLE.
4. DECISION REGARDING STRONG CONTAINERS VS. SOLIDIFICATION.
5. REFERS TO RELIEF FROM ORDER TO SOLIDIFY EPICOR II
6. DATES SHOWN REPRESENTS NOMINAL ESTIMATES. (SEE ACCOMPANYING SCHEDULE)
7. INCLUDES ASSURING STAGE CONTAINMENT OF RESINS.