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4410-85-L-0038  
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February 15, 1985

TMI Program Office  
 Attn: Dr. B. J. Snyder  
 Program Director  
 US Nuclear Regulatory Commission  
 Washington, DC 20555

Dear Dr. Snyder:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
 Operating License No. DPR-73  
 Docket No. 50-320  
 TMI-2 Project Schedule Information

This responds to your request of January 31, 1985, to update the TMI-2 project schedule information. Enclosed is the 1985 Program Intermediate Master Schedule (PIMS) dated February 8, 1985. GPU Nuclear Corporation intends to provide you an updated Program Master Schedule before the end of February which will define major program milestones through the end of the currently defined program.

Also attached is a listing of license basis documents required to support defueling. This list includes Safety Evaluation Reports, Technical Evaluation Reports, Technical Specification Change Requests, and Recovery Operations Plan Change Requests requiring NRC approval. It provides schedular information to ensure the NRC review and approval process is compatible with the overall project schedule.

PIMS reflects the current schedule to begin defueling operations on July 1, 1985. This is our target date; however, there are several significant activities that must be successfully completed in order to achieve this goal. GPU Nuclear will review the project status during April and determine whether the July 1, 1985, start date is achievable. Every effort will be made to maintain the current schedule while ensuring that defueling will be conducted safely.

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GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation

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Dr. B. J. Snyder

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We will review the overall status of specific licensing activities on a monthly basis throughout early defueling.

Please contact me regarding any questions or comments you may have concerning the above information.

Sincerely,



F. R. Standerfer  
Vice President/Director, TMI-2

FRS/JJB/jep

Attachments

cc: Deputy Program Director - TMI Program Office, Dr. W. D. Travers

NRC REVIEW AND APPROVAL SCHEDULE

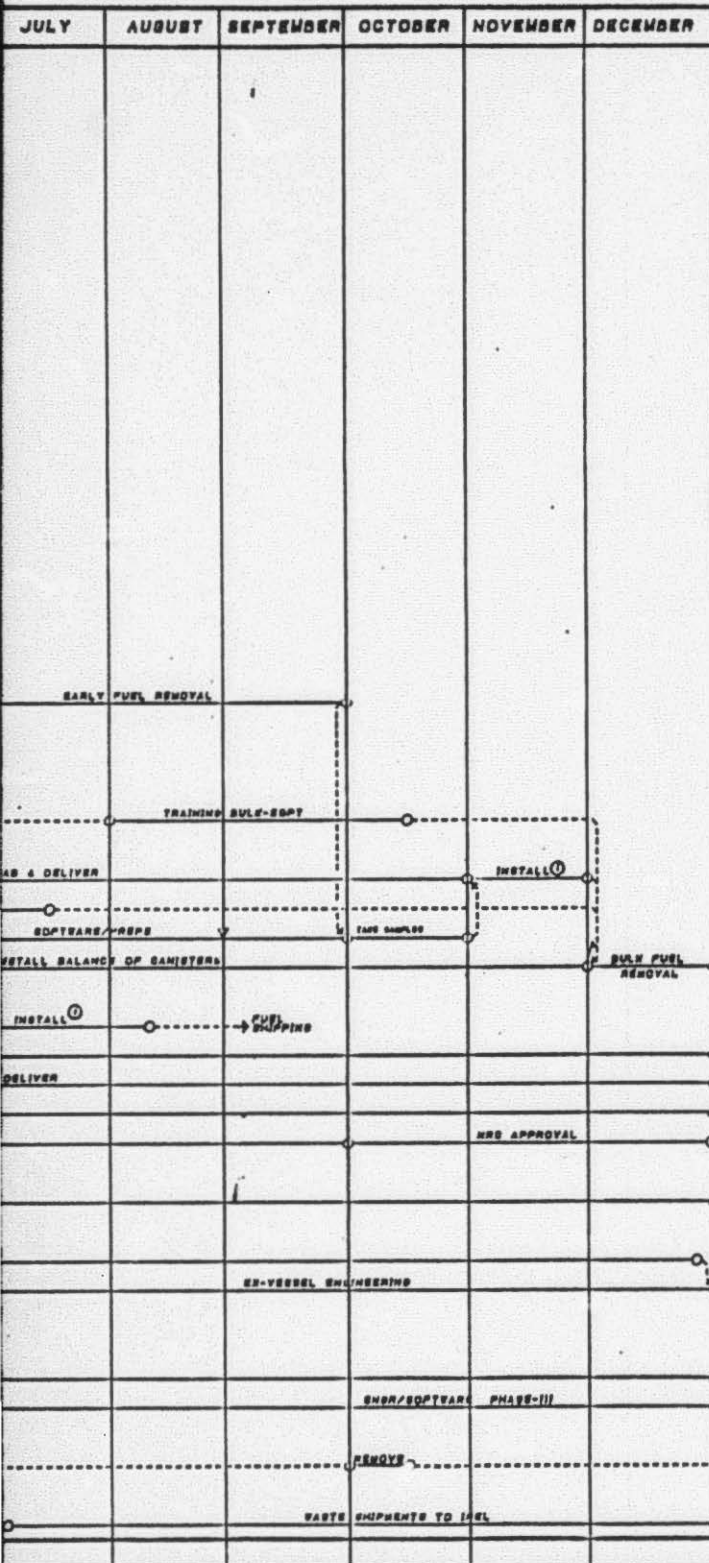
<u>ACTIVITY</u>	<u>START DATE</u>	<u>FINISH DATE</u>	<u>FOLLOWING MAJOR ACTIVITY</u>	<u>DATE</u>	<u>PIMS LINE REFERENCE</u>
SER - EQUIPMENT HATCH	---	02/28/85	STAGE RACKS & CANISTERS	04/22/85	49
TER - DWCS	---	02/28/85	DWCS TEST PROCEDURES	04/15/85	14, 15
SER III - PLENUM REMOVAL	---	03/29/85	LIFT AND STORE PLENUM	05/17/85	7, 8, 4, 5, 10
TSCR #47	02/15/85	03/29/85	REACTOR BUILDING SERVICE CRANE	05/06/85	23, 21
SEISMIC EXEMPTION REQUEST	02/22/85	04/01/85	N/A		N/A
TER - CANISTER RACKS	02/22/85	04/05/85	INSTALL CANISTER RACKS	04/22/85	13, 12, 14, 16
TER - CANISTERS	03/15/85	04/19/85	TEST DWCS SUB-SYSTEMS	04/22/85	12, 14
SER - EARLY DEFUELING	03/15/85	04/30/85	STAGE DEFUELING TOOLS	04/26/85	22, 19, 20, 23
TECH SPEC REDUCTION PROGRAM	03/29/85	07/01/85	TECH SPEC SURVEILLANCE	07/01/85	48
SRO TRAINING PROGRAM TO NRC <sup>(1)</sup>	04/01/85	---	NRC EXAMINATION	05/31/85	27
SRO - NRC EXAM DATE	05/31/85	---	NRC CERTIFICATION	06/28/85	27
SRO - NRC CERTIFICATION	---	06/28/85	EARLY FUEL REMOVAL	07/01/85	27, 23
SER - DESLUDGING OPERATIONS	06/24/85	08/16/85	DESLUDGE SUMP & TANKS	09/23/85	N/A
SER - CORE STRATIFICATION SAMPLE	07/01/85	08/15/85	REMOVE SAMPLES	09/30/85	31
SER - FUEL TRANSFER (POOL TO SHIPPING CASK)	10/01/85	12/31/85	FUEL SHIPPING	TBD	38
TER - SW PACKAGING & HANDLING FACILITY	TBD	TBD	WASTE MANAGEMENT OPERATIONS	TBD	46
SER - BULK DEFUELING <sup>(2)</sup>	05/20/85	07/15/85	BULK DEFUELING	12/02/85	30, 29, 32

(1) Initial submittal, balance of submittal three weeks prior to exam

(2) Date may vary as determined during early defueling



ACTIVITY DESCRIPTION		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
	1						
FUEL TRANSFER SYSTEM	2		INSTALL ①				
FUEL HANDLING BRIDGE MODE	3		PROCURE/PREP			INSTALL ①	
CANAL DAM	4		PAB & DELIVER	INST			
FLOOD DEEP END OF CANAL & "A" POOL	5						
	6						
PLENUM REMOVAL SER III	7	ISSUE	NRC APPROVAL				
SUPPORT STRUCTURE	8		PAB & DELIVER		SOFTWARE/INSTALL		
CANISTER CHARACTERIZATION	9		DEVELOP PROCEDURES	INSTALL HARDWARE			
PLENUM REMOVAL	10		SOFTWARE/PREP				
	11						
CANISTERS	12	PAB & DELIVER	1ST LOP OF CANISTERS		INSTALL		
REACTOR BUILDING FUEL RACKS	13	FABRICATE & DELIVER		INSTALL			
DVCS INSTALLATION & TEST	14		UPI'S DELIVERY & INSTALLATION				LOOP TESTS CALIBRATIONS ①
DVCS PROCEDURES & PCR'S	15		DEVELOP & REVISE PROCEDURES				
"A" POOL FUEL RACKS	16			FABRICATE/DELIVER/INSTALL			INDEX ①
DEFUELING WORK PLATFORM	17		PAB & DELIVER			SOFTWARE/INSTALL	ALL ①
	18						
VACUUM SYSTEM	19	PAB & DELIVER		SOFTWARE PREPS			
EARLY FUEL REMOVAL TOOLING	20		PAB & DELIVER				INSTALL ①
TECH SPEC CHANGE REQUEST #47	21	PREPARE/PBA		NRC APPROVAL			
EARLY FUEL REMOVAL SER	22	DRAFT	ISSUE		NRC APPROVAL		
EARLY FUEL REMOVAL	23						
REACTOR BUILDING SERVICE CRANE	24		PAB		SOFTWARE/INSTALL & CHECKOUT		
REACTOR BUILDING DOSE REDUCTION	25			DOSE REDUCTION SUPPORT			
	26						
SRO TRAINING	27			TRAINING/EXAMINATIONS			NRC CERTS
	28						
BULK FUEL REMOVAL TOOLING	29		DESIGN				
BULK FUEL REMOVAL SER	30		DRAFT/SITE REVIEW &	APPROVAL			NRC APPROVAL
EO40 REACTOR VESSEL CORE SAMPLES	31			DELIVER	EQUIPMENT		
BULK FUEL REMOVAL	32						DELIVER &
	33						
CANISTER DEWATERING STATION	34		DESIGN			PAB/DELIVER	
FUEL SHIPPING CASKS (DOE)	35					ENR'S SUPPORT TO DOE PROCUREMENT ACTION	
FUEL TRANSFER CASK (FTC)	36		DESIGN			PROCURE	PAB &
FTC LOADING STATION	37			DESIGN	PROCURE, PAB, INSTALL & CHECKOUT		
FUEL TRANSFER SER	38					PREP/REVIEW/PROVE	
	39						
CORE SUPPORT ASSEMBLY	40	ISSUE C/A	TECH PLAN				ENR'S
	41						
EX-VESSEL FUEL LOCATION	42				SOFTWARE PREP/SURVEY & ESTIMATE FUEL		
EX-VESSEL FUEL REMOVAL	43	ISSUE RCR P/R STRATEGY T.P.		ISSUE EX-VESSEL FUEL TECH PLAN	REMOVAL		
	44						
CONTAINMENT AIR CONTROL ENVELOPE	45		BUILDING UNDERWAY				
SW HANDLING & PACKAGING FACILITY	46		DESIGN/PROCURE			CONSTRUCT FACILITY	
REACTOR BUILDING PHASE-III DECON	47			ISSUE REACTOR BUILDING PHASE-III T.P.			
TECH SPEC REDUCTION PROGRAM	48			PROGRAM COMPLETE		NRC R40	
EQUIPMENT MATCH REMOVAL	49	ENR/PROCURE	SOFTWARE/SER/REPS			PREP/REVIEW/PROVE	
	50						
ABNORMAL WASTE MANAGEMENT	51		CONTRACT WITH D.O.E.			DOSE DESIGN & CONSTRUCT FACILITY AT INEL	



### LEGEND

- — SCHEDULED ACTIVITY
- ⌋ MILESTONE
- ▽ MANAGEMENT REGION PROGRAM

### MILESTONE DATES

NO.	DESCRIPTION	DATE
8	FUEL TRANSFER SYSTEM	4/18/88
8	FLOOD DEEP END DP CANAL	8/ 3/88
8	FLOOD "A" POOL	8/21/88
10	REMOVE & STORE PLENUM	8/11/88
14	DESS OPERATIONAL	7/ 1/88
16	INSTALL PNB FUEL RACKS	8/ 7/88
22	START EARLY FUEL REMOVAL	7/ 1/88
22	START BULK FUEL REMOVAL	12/ 1/88
48	GRA DEPUILING T.P.	3/ 1/88
48	ISSUE EX-VESSEL FUEL REV T.P.	4/18/88
48	TECH SPEC REQUEST PROGRAM TO NAD	2/28/88

### NOTES:

- ① INCLUDES TESTING, TRAINING & TURNOVER ACTIVITIES

Also Available On  
Aperture Card

TI  
APERTURE  
CARD

2	8/8/88	ISSUED FOR USE	PHS
1	8/1/88	ISSUED FOR USE	PHS
0	1/14/88	ISSUED FOR USE	PHS
REV	DATE	REMARKS	UOD

**TI Nuclear TMI-2**

PROGRAM INTERMEDIATE  
MASTER SCHEDULE FOR 1988

DATE:	4/8/88	REV. NO.	PIMS-85-01	REV.	2
FILE NO.					

8502250309-01