## CONCEPTUAL PROJECT ASSESSMENT

PURPOSE/PROBLEM(S): This CPA describes the work required to create a Spent Fuel Pool Island (SFPI). The purpose of the SFPI creation is to permit, along with other planned activities, the unencumbered dismantling of the remainder of the Maine Yankee plant. A conceptual overview of the proposed SFPI is provided on the following pages and more thorough descriptions of the proposed installations are provided in Attachment A of this CPA.  RECOMMENDATION(S): Proceed with the SFPI design and construction as described in this CPA. Due to the requested expedited schedule of this effort, final design details will be developed and approved by the SFPI Project Team.  PROJECTED SCHEDULE: CPA approval 10/16/97; EDCR PORC approval 12/31/97; installation & Testing complete 3/30/98.  ATTACHMENTS: (1)Completed Team Assignment sheet (2)PAR and SFPI Cost Benefit Analysis (In lieu of Financial Analysis Form), (3)Estimated REM exposure sheet, (A) SFPI Design Details  ROUTING FOR APPROVAL:  1. APPLICABLE ENGINEERING MANAGER:  1. APPLICABLE ENGINEERING MANAGER:  2. PLANT MANAGER:  3. VP L&E:  3. VP L&E:  4. VPO:  4. VPO:  4. VPO:  4. VPO:  4. VPO:  4. VPO:  5. PRESIDENT:  6. MAI 497  COMMENTS BY MANAGEMENT:  6. PAGE:  6. PAGE:  6. PAGE:  6. PAGE:  6. PRICLOSURE BY PROCEDURE BY A SPACE BY A	CPA NO. 97-42  TITLE: SPENT FUEL POOL ISLAND PROJECT  COST ESTIMATE: \$4,353,627  ORIGINATOR: W. Henries & SFPI Engineering Team WE Henries  DATE: 10/9/97  ENGINEERING PROJECT MANAGER: S. Dahlgren  ENGINEERING SECTION HEAD REVIEW: W. Henries WE Henries  COGNIZANT PSS REVIEW: A DATE: 10/19/97  DATE: 10/19/97						
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Ileu of Financial Analysis Form), (3) Estimated REM exposure sheet, (A) SFPI Design Details  ROUTING FOR APPROVAL:  1. APPLICABLE ENGINEERING MANAGÉR: MATHER MAJULE 10/14/47  2. PLANT MANAGER: Description 1/4/47  3. VP L&E: Description 1/4/47  4. VPO: Light Sellen 1/4/47  5. PRESIDENT: Mullim 1/4/47  COMMENTS BY MANAGEMENT:  Fage 3 - HVAC, building exhaust includes HEPA fibrotion Williams 12 - There must be a mather to remove ethylene glycol to the from the pool should there be a leak  Procedure No. 17.301  Procedure No. 17.301							
1. APPLICABLE ENGINEERING MANAGER: MATHER MAULT 10/14/97  2. PLANT MANAGER: LIDE CAR 11/4/97  3. VP L&E: Birshi 11/4/97  4. VPO: LIDE COLOR 14/47  5. PRESIDENT: Mill Illim 11/4/97  COMMENTS BY MANAGEMENT:  Page 3- HVAC, briding exhaust includes HEPA fibrotion Williams 2 method to remove ethylene glycol tole from the pool should there be a leak  FECH 47: 42 ECN 00 ENCLOSURE B							
Page 3- HVAC, building exhaust include HEPA filtration IT  Page 2 - These must be a multiple to remove ethylene glycol top  from the pool should there be a leak  EDCA 07: 42 ECN 00  ENCLOSURE B	1. APPLICABLE ENGINEERING MANAGER: MATHER MAULE 10/14/97  2. PLANT MANAGER: LIDE CON 11/4/97  3. VP L&E: Barri 11/4/97  4. VPO: LIDE CON 11/4/97  5. PRESIDENT: Mill Illm 11/4/97						
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	Broandura No. 17.301  Brow No. 6  ENCLOSURE B						

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## ATTACHMENT A Continued (Page 1 of 2)

MAINE YANKEE PROJECT AUTHORIZATION REQUEST

A,	PAR No: <u>97-042</u>	Capital: O&M:	Deferred: Insurance Claim:	

- TITLE: SPENT FUEL POOL ISOLATION В.
- BRIEF DESCRIPTION: The spent fuel pool will be isolated from the rest of the plant. This will inclu but not limited to the following: spent fuel pool cooling, filtration, chemical addition, fuel building HV control room relocation, security perimeter reductions, fire protection isolation, and the associa electrical changes required to isolate the fuel building from the remainder of the plant.
- PROJECT DESCRIPTION/DISCUSSION/JUSTIFICATION: (Information from Estimator's worksheet Part D. See attached cost benefit analysis for justification.

TOTAL ESTIMATE: S4.353.6

ATTACHHENT I

/ Figure Determined on Estimator's Worksheet Po:

F. ROUTING FOR APPROVA

Originator

Department Manager

Plant Manager (For Plant Depts.)

Cognizant VP

Cost Management ) (Funding Review)

Steven Dahlaren 09/30

5F 9/3d

E. MILESTONE SCHEDULE: (MONTH/YEAR)

PLANNING/PRELIMINARY ENGINEERING PHASE:

ESTIMATED START DATE:

**ESTIMATED FINISH DATE:** 

CONSTRUCTION/INSTALLATION PHASE:

ESTIMATED START DATE:

01/14/98

**ESTIMATED FINISH DATE:** 

03/23/98

ACCEPTANCE PHASE:

START DATE:

03/24/98

FINISH DATE:

VP Fin. & Adm.

(All Capital PAR's > \$50,000)

President (O&M PAR's > \$250,000 and all Capital PAR's)

Accounting (All PAR'S)

RETURN COMPLETED FORM TO ACCOUNTING

91-42 00