CONCEPTUAL PROJECT ASSESSMENT

CPA NO. 97-42
TITLE: SPENT FUEL POOL ISLAND PROJECT
COST ESTIMATE: $4,353,627
ORIGINATOR: W. Henries & SFPl Engineering Team
ENGINEERING PROJECT MANAGER: S. Dahlgren
ENGINEERING SECTION HEAD review: W. Henries
COGNIZANT PSS REVIEW: W. Henries
DATE: 10/9/97

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: [Signature] 10/14/97
2. PLANT MANAGER: [Signature] 11/4/97
3. VP L&E: [Signature] 11/4/97
4. VPO: [Signature] 11/4/97
5. PRESIDENT: [Signature] 11/4/97

COMMENTS BY MANAGEMENT:
Page 3 - HVAC, building exhaust includes HEPA filtration
Page 2 - There must be a method to remove ethylene glycol from the pool should there be a leak
ATTACHMENT A Continued (Page 1 of 2)

MAINE YANKEE
PROJECT AUTHORIZATION REQUEST

A. PAR No: 97-042
   Capital: [X]
   O&M: [ ]
   Deferred: [ ]
   Insurance Claim: [ ]

B. TITLE: SPENT FUEL POOL ISOLATION

C. BRIEF DESCRIPTION: The spent fuel pool will be isolated from the rest of the plant. This will include 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 associated electrical changes required to isolate the fuel building from the remainder of the plant.

D. PROJECT DESCRIPTION/DISCUSSION/JUSTIFICATION: (Information from Estimator's worksheet Part 1)
   See attached cost-benefit analysis for justification.

TOTAL ESTIMATE: $1,353,6
   (Figure Determined on Estimator's Worksheet Part 2)

E. MILESTONE SCHEDULE: (MONTH/YEAR)
   PLANNING/PRELIMINARY ENGINEERING PHASE:
      ESTIMATED START DATE: 08/13/97
      ESTIMATED FINISH DATE: 12/15/97
   CONSTRUCTION/INSTALLATION PHASE:
      ESTIMATED START DATE: 01/14/98
      ESTIMATED FINISH DATE: 03/23/98
   ACCEPTANCE PHASE:
      START DATE: 03/24/98
      FINISH DATE: 03/31/98

F. ROUTING FOR APPROVAL
   Steven Dahlgren 09/30
   Department Manager
   Plant Manager
   (For Plant Depts.)
   Cognizant VP
   Cost Management (Funding Review)
   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