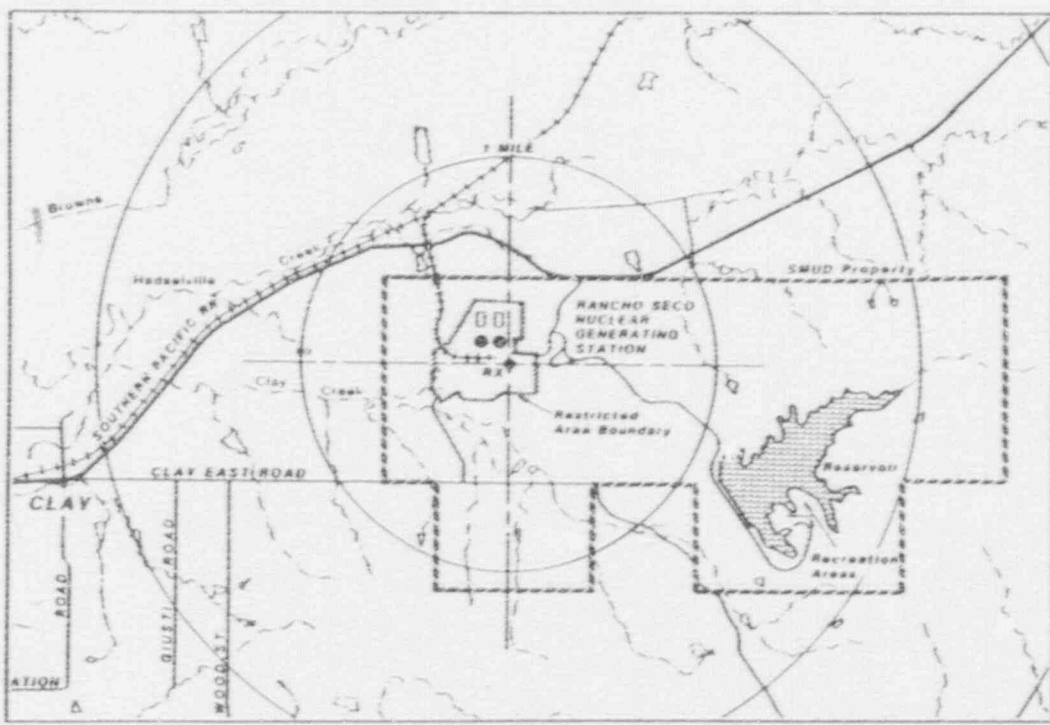


230006

9006290308

RANCHO SECO Nuclear Generating Station

NRC BRIEFING



- Organization/Staffing
- Plant Status
- Pending Submittals
- Decommissioning/Funding
- Fuel Disposition
- Proposed Site Uses

June 26, 1990



DF03

1/1

50-312

RANCHO SECO NUCLEAR GENERATING STATION
NRC BRIEFING
JUNE 26, 1990
AGENDA

ORGANIZATION/STAFFING

PLANT STATUS

PENDING SUBMITTALS

DECOMMISSIONING/FUNDING

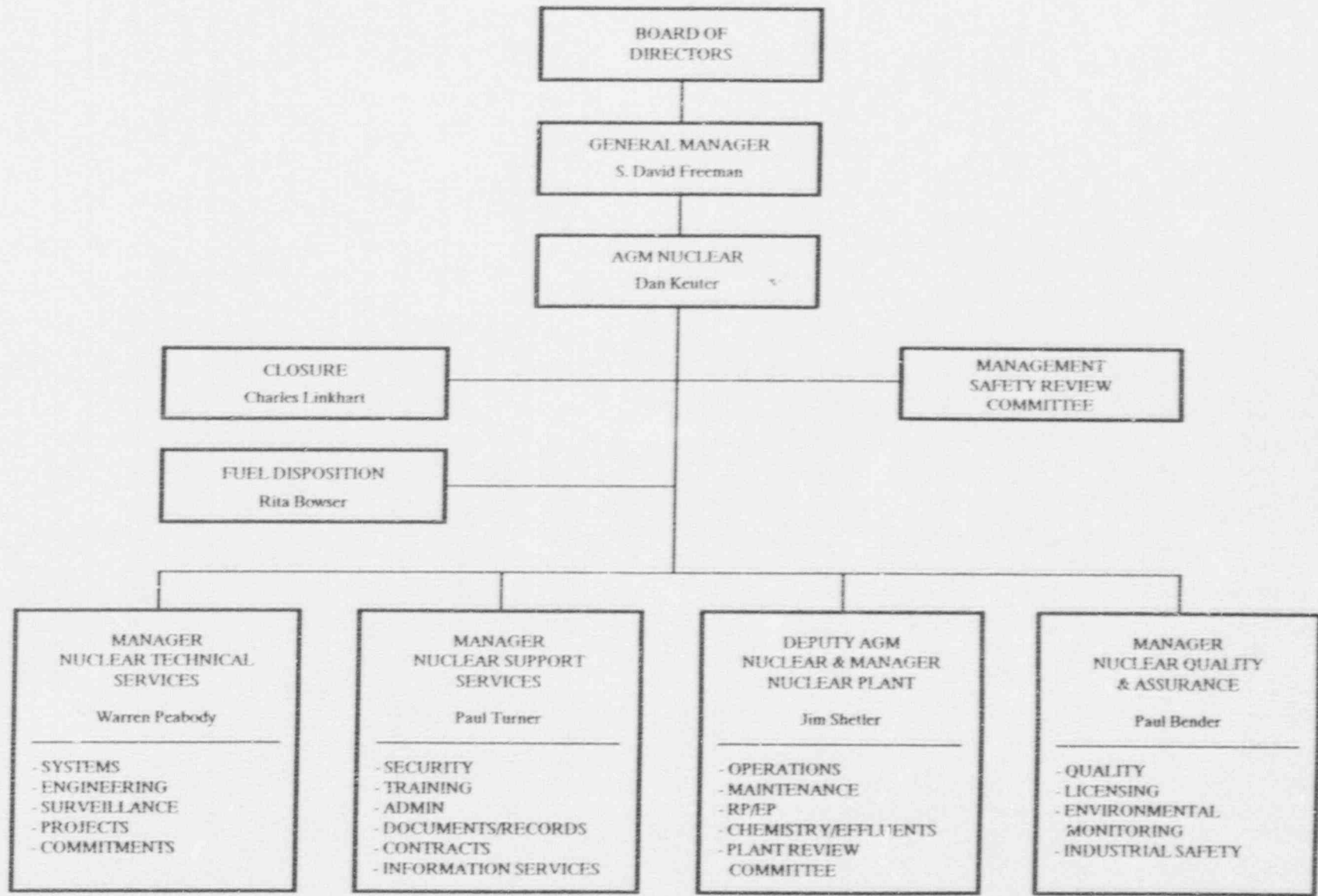
FUEL DISPOSITION

PROPOSED SITE USES

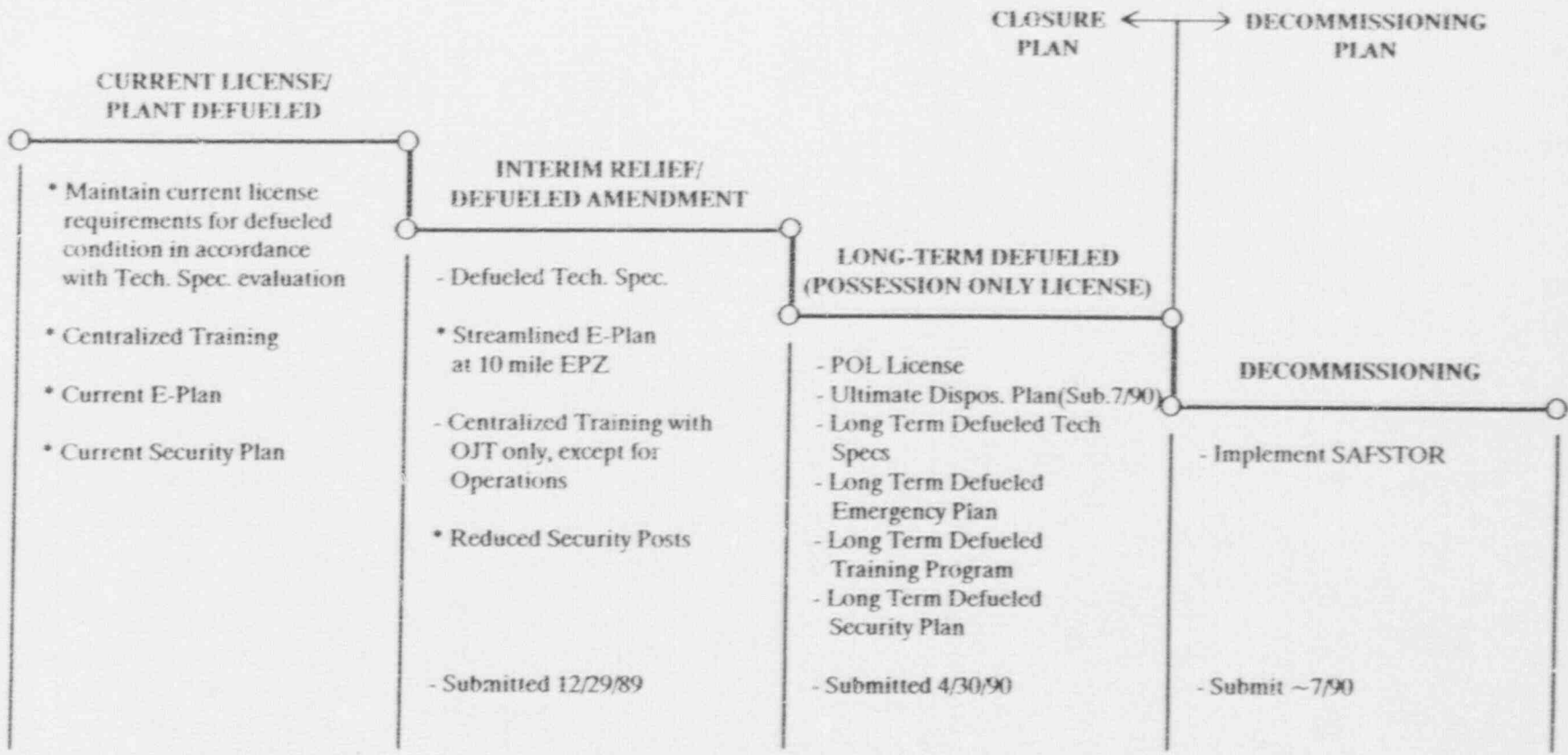
SUMMARY

	<p>ORGANIZATION/STAFFING</p>	
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PROPOSED RANCHO SECO ORGANIZATION - 7/1/90



RANCHO SECO CLOSURE STRATEGY



CURRENT STAFFING
374 Total
(6/1/90)

PROJECTED STAFFING
~300 Total

PROJECTED STAFFING
~200 Total

PROJECTED STAFFING
~150 Total

* Implimented/Received

OPERATIONS STAFFING

(6-1-90)

QUALIFICATION	CREW A	CREW B	CREW C	CREW D	CREW E	ADMIN STAFF	TOTAL
SRO	2	3	3	3	2	12	25
RO	2	2	1	2	3	2	12
NLO	3	2	3	2	2	2	14

	<p>PLANT STATUS</p>	
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PLANT STATUS

* SYSTEM LAYUP STATUS

OF 81 SYSTEMS:

-	LAYUP MEETINGS COMPLETE	81
-	PUNCHLISTS COMPLETE	78
-	WORK PACKAGES ISSUED	40
-	SYSTEMS LAID UP	5
-	TOTAL % LAYUP	
	ACTIVITIES COMPLETE	~ 60%

* SPENT FUEL POOL INVESTIGATION

- CAP NUTS (EPOXY) INSTALLED
- LEAKAGE REDUCED TO <1 GALLON PER DAY
(FROM ~ 6 GALLON PER DAY)
- FLOW MEASURING EQUIPMENT INSTALLED
- FINAL REPORT ~ 8/1/90

PENDING SUBMITTALS

PENDING SUBMITTALS

PRIORITY CODE

High = Approval results in resource savings for the District. Need expeditious NRC action.

Med = Need NRC attention after completion of High priority items. Approval results in regulatory/resource relief.

Low = Need normal NRC action/processing. Approval part of anticipated closure/ decommissioning process.

PENDING SUBMITTALS

<u>ACTION</u>	<u>SUBMITTAL DATE</u>	<u>PRIORITY</u>
REMOVAL OF FIRE PROTECTION FROM TECH SPECS PA-180	12/28/89	HIGH (~ \$250,000 1990 SAVINGS, \$750,000 ANNUALLY)
10 CFR 50.54 (w) INSURANCE EXEMPTION REQUEST	3/5/90	HIGH (~ \$1,000,000 SAVINGS ANNUALLY)
ANNUAL OPERATING FEE EXEMPTION REQUEST 10 CFR 171	4/11/90	HIGH (~ \$500,000 1990 SAVINGS, \$1.08 MIL ANNUALLY)
POSSESSION ONLY LICENSE PA-184	4/26/90	HIGH

PENDING SUBMITTALS

<u>ACTION</u>	<u>SUBMITTAL DATE</u>	<u>PRIORITY</u>
LONG TERM DEFUELED TECH SPECS PA-182	12/28/89	MED
OPERATOR TRAINING PROGRAM EXEMPTION	12/28/89	MED
EMERGENCY PLAN CHANGE 4	4/26/90	MED
SECURITY PLAN FOR LONG TERM DEFUELED CONDITION	4/26/90	MED
EXEMPTION REQUEST FITNESS FOR DUTY	EST.7/90	MED

PENDING SUBMITTALS

ACTION

SUBMITTAL DATE

PRIORITY

TECH SPEC 4.20
INTERIM RELIEF
GASEOUS EFFLUENT
FLOW RATE DEVICE

3/26/90

LOW

DECOMMISSIONING
FINANCIAL PLAN &
FUNDING PERIOD
EXEMPTION REQUEST

REQ BY 7/26/90

LOW

DECOMMISSIONING/FUNDING

PLAN FOR ULTIMATE DISPOSITION

- * **PLAN FOR ULTIMATE DISPOSITION**
 - **DESCRIBES "ULTIMATE DISPOSITION OF FACILITY"**
 - **PROPOSES DORMANCY UNTIL AT LEAST 1995**
 - **ESTABLISHES DECOMMISSIONING COST ESTIMATE RANGE**
 - **NEW MANAGEMENT REASSESSING PREVIOUS OPTIONS**

- * **SUBMITTAL TO NRC EXPECTED BY JULY, 1990**

DECOMMISSIONING ALTERNATIVES

*** RE-REVIEWING ALTERNATIVES**

- **DECON**
- **SAFSTOR**
- **ENTOMB**

*** DEVELOPING SPECIFIC COST ESTIMATES FOR DECOMMISSIONING ALTERNATIVES**

- ### *** FINAL ALTERNATIVE SELECTION BASED ON**
- **OCCUPATIONAL AND PUBLIC HEALTH & SAFETY**
 - **LEAST IMPACT TO RATE-PAYERS**

FUNDING RANGE

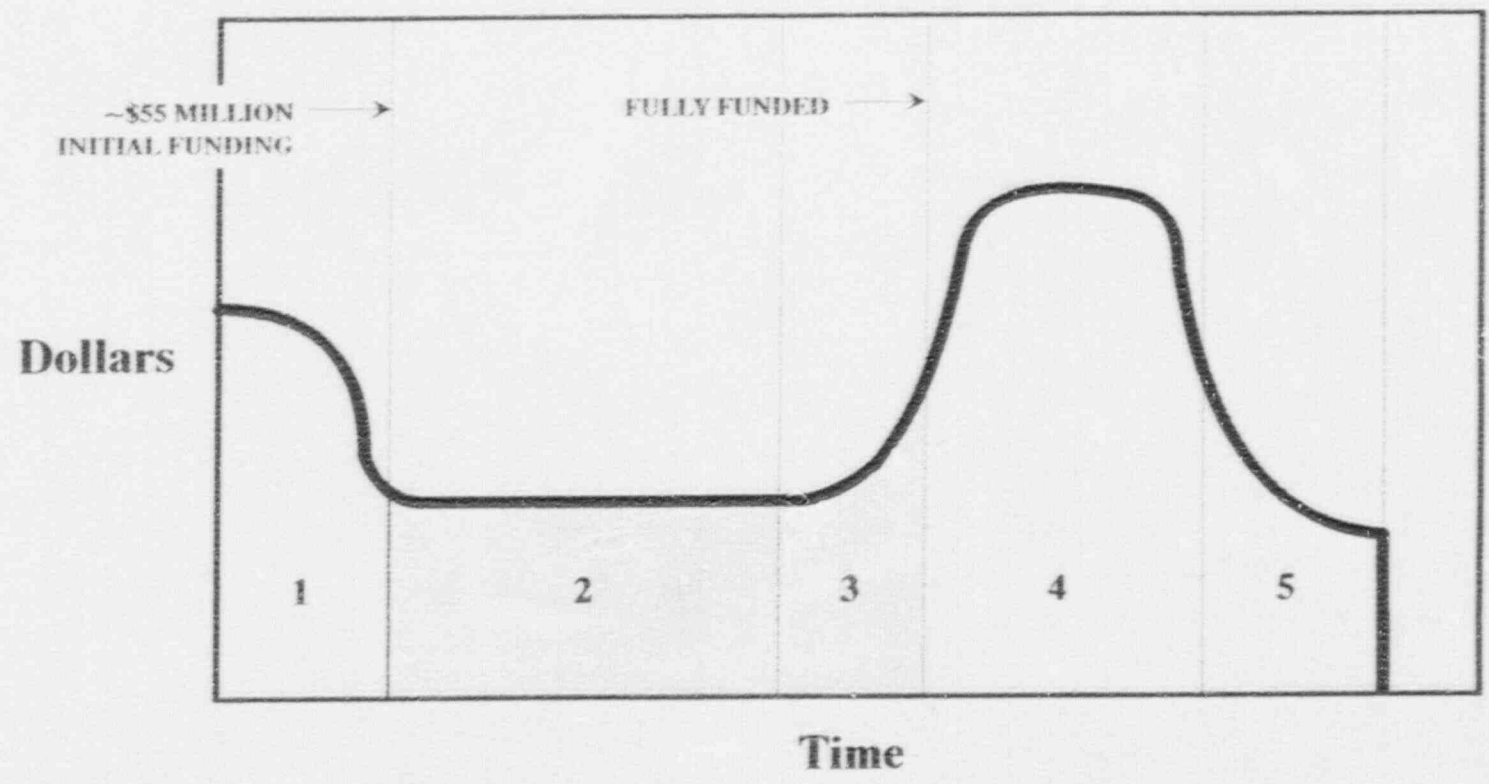
- * REQUIRED MINIMUM FUNDING**
 - ~ \$113 MILLION
 - BASED ON 2772 M.Wt REACTOR SIZE
 - ESCALATED TO 1990 CONSTANT DOLLARS

- * COST ESTIMATE EXPECTED TO BE FILED WITH PROPOSED DECOMMISSIONING PLAN (NO LATER THAN 6/91)**

- * FINANCIAL PLAN SIMULTANEOUSLY ADJUSTED WITH COST ESTIMATE**

- * INTERIM CONTRIBUTIONS BASED ON \$250 MIL**

COST EVOLUTION



- Period 1: SAFSTOR PREPARATION
- Period 2: SAFSTOR DORMANCY
- Period 3: DECOMMISSIONING PREPARATION
- Period 4: DISMANTLEMENT ACTIVITIES
- Period 5: SITE RESTORATION

FINANCIAL PLAN & TRUST AGREEMENT

*** SUBMIT FINANCIAL STATEMENT TO NRC BY
JULY 26, 1990**

*** FINANCIAL PLAN & TRUST AGREEMENT**

- **DRAFTED**
- **TRUSTEE SELECTED**
- **BOARD APPROVAL REQUIRED**

*** REQUEST FUNDING PERIOD EXTENSION
(UNTIL END OF SAFSTOR, PRIOR TO DISMANTLEMENT)**

PROPOSED DECOMMISSIONING PLAN

*** FUNDING**

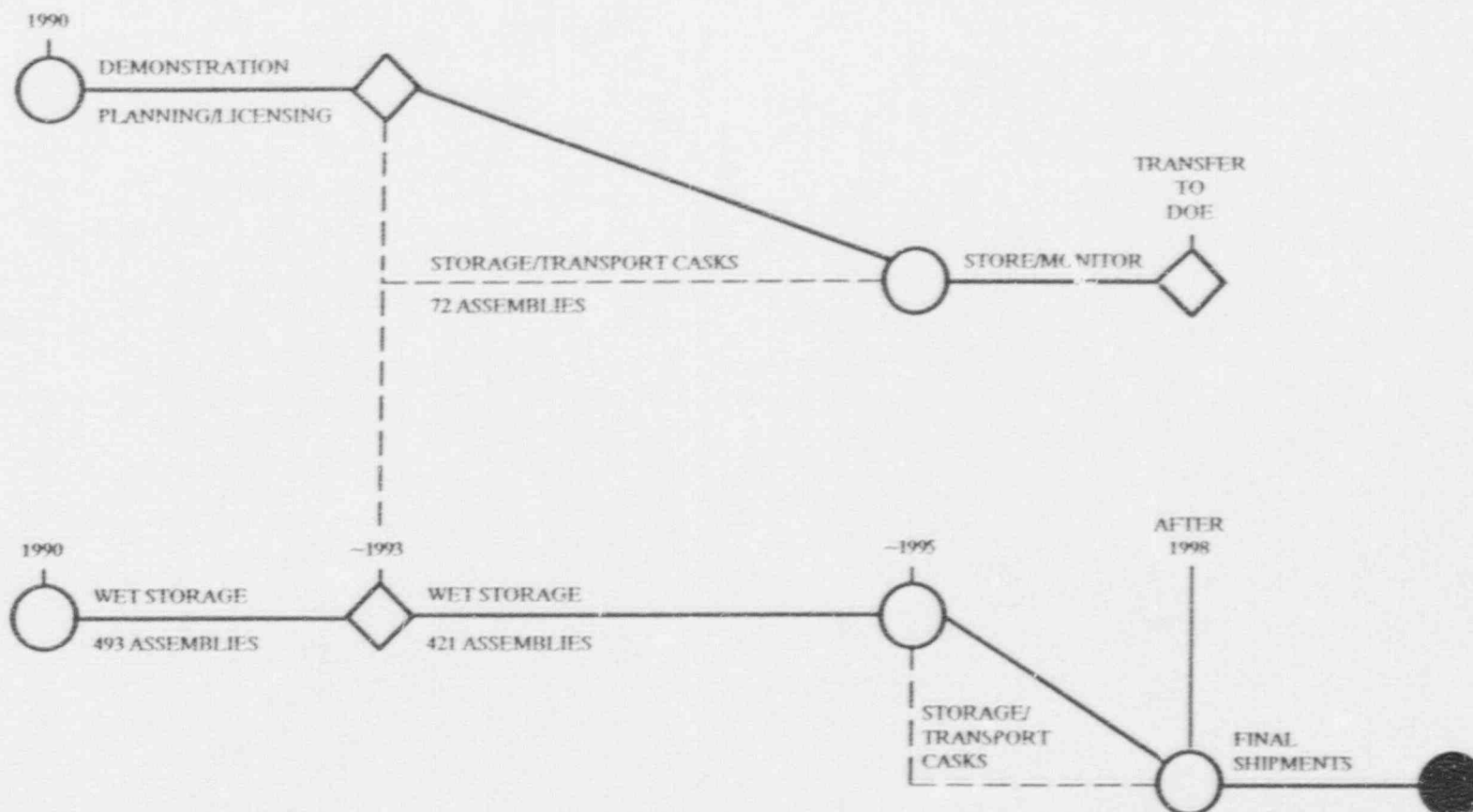
- **LEVEL WILL BE UPDATED BASED ON
SELECTED ALTERNATIVE**
- **SPECIFIC COST ESTIMATE WILL BE ESTABLISHED
WHEN DECOMMISSIONING ALTERNATIVE IS
APPROVED**

*** ENVIRONMENTAL REPORT**

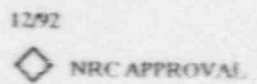
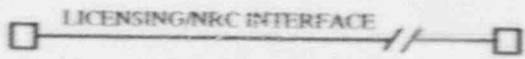
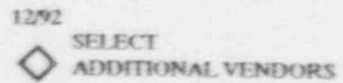
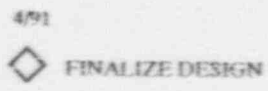
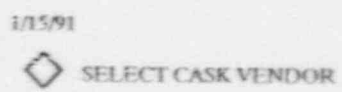
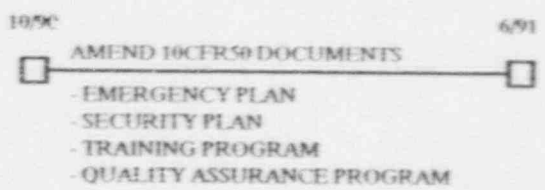
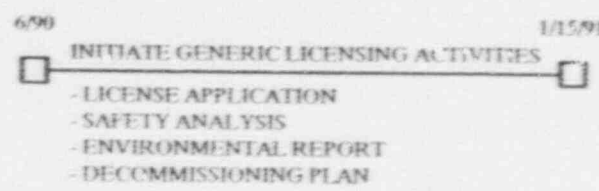
- **BASED ON GENERIC GUIDANCE**
- **ADDRESSES SITE SPECIFIC DIFFERENCES**

	<p>FUEL DISPOSITION</p>	
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SPENT FUEL DISPOSITION STRATEGY WITH DOE COMMITMENT



LICENSING ISFSI STRATEGY DETAIL



DATES FOR INFORMATION ONLY - NOT COMMITMENTS

	<p>PROPOSED SITE USES</p>	
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ALTERNATIVE SITE USES

- * REPOWERING/POWERING**
- * RESEARCH**
- * WASTE DISPOSAL**
- * INDUSTRIAL**
- * RECYCLING**

REQUEST FOR POWER RESOURCES

1079

ACTIVITY	RESPONSIBILITY	1990												
		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	
Write RFP	Power Planning	[Bar]												
Board Review - Finance Committee - Board Comments - Policy Committee	Power Planning	[B] 2/21	[B] 3/1	[B] 3/7										
Release RFP	General Services		▼ 3/16											
Hold Proposal Conference	Power Planning			▼ 4/11										
Review Project Transmission	Power Planning				[Bar]									
Receive Proposals	General Services					▼ 6/1								
Evaluate Proposals	Power Planning						▼ 8/1						[B]	
Start Contract Negotiations	Power Contracts												[Bar]	

SHORT LIST

FINAL REPORT

POWER SUPPLY PROPOSALS

- * RECEIVED 94 PROPOSALS**
- * NET OFFERING OF 8669 MEGAWATTS**
- * USE OF RANCHO SECO PROPOSED**
 - 120 TO 1000 MEGAWATTS**
 - GAS, COAL, SOLAR, HYDROELECTRIC,**
- * 2741 MEGAWATTS IN SERVICE AREA**
- * 6 POWER SELL AGREEMENTS
(< 200 MEGAWATTS EACH)**

	<p>SUMMARY</p>	
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SUMMARY OF REQUESTED ACTIONS

**TO ACHIEVE THE TWIN GOALS OF SAFETY &
ECONOMY, PROMPT PROCESSING IS NEEDED
FOR:**

*** POL PHASE SUBMITTALS**

- POL LICENSE
- LONG-TERM DEFUELED TECHNICAL SPECIFICATIONS
- LONG-TERM DEFUELED EMERGENCY PLAN
- LONG-TERM DEFUELED TRAINING PROGRAM
- LONG-TERM DEFUELED SECURITY PLAN

*** DECOMMISSIONING PLAN**