

MANAGEMENT PLAN

FOR

EXTENDED CONSTRUCTION DELAY OF WNP-1

JUNE 29, 1982

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MANAGEMENT PLAN FOR EXTENDED CONSTRUCTION DELAY OF WNP-1

1.0 OVERVIEW

1.1 INTRODUCTION

This Management Plan is a description of the general policy and guidelines to be followed in bringing the WNP-1 Project to an extended construction delay status. The Supply System will use this plan as the basis for all management direction with respect to efforts on Project 1. The extended construction delay plan is to be executed within limited funding constraints while preserving the assets of the Project of a period of up to 5 years.

1.2 BOARD ACTIONS DIRECTING THE DELAY

Because of the problems in financing the construction of Units 1, 2 and 3; BPA load forecasts; and BPA projected rate increases, the Supply System Board of Directors accepted the BPA recommendation to delay construction of WNP-1 for a period of up to 5 years. The recommended action, on April 19, 1982, was to place WNP-1 in a minimum cost status while preserving the assets and maintaining licensability for a period of up to 5 years beginning May 1, 1982. The Supply System Board of Directors mandated implementation of those recommendations on April 29, 1982, in Resolution No. 1221 (see Appendix A).

Subsequently the Board requested the Supply System staff to analyze alternative delay concepts and provide appropriate recommendations. On May 28, 1982, the Staff recommended, and the Board approved, a concept wherein a gradual restart program would be authorized beginning in January, 1983. The concept also provided for alternative ramp-up options to be reviewed in October, 1984, and a decision made at that time relative to the magnitude of the overall construction delay, i.e. two years, or five years, or some intermediate delay period.

1.3 CHANGES TO THE PLAN

Changes to this plan will require approval of the Director of Projects.

1.4 FUNDAMENTAL PRINCIPLES GOVERNING WMP-1 EXTENDED CONSTRUCTION DELAY

1.4.1 Initiation

Initiation of the delay concept commenced promptly after the Board actions described above. Further implementation of the delay will be in accordance with manning levels approved by the Board (see Appendix B for composite manning curve) and other guidance provided by the Board and the Managing Director.

1.4.2 Plan Objectives

The primary objectives to be achieved during extended construction delay are

- providing of efficient January 1, 1983, ramp-up capability
- preserving plant assets by performing necessary preventive maintenance on plant equipment
- conducting activities necessary to preserve the Construction Permit and the ability to obtain an Operating License
- maintaining sufficient and accurate documentation on all quality, safety, and code-related materials and installations
- maintaining insurance coverage.

1.5 MANAGEMENT PRINCIPLES

The management of the extended construction delay will be conducted by line management. In managing the delay, maximum utilization will be made of existing procedures, systems and reports.

2.0 FINANCIAL

2.1 GENERAL

Funding of the WNP-1 construction delay will be limited to \$282 million, plus reinvestment income, for the period May 1, 1982 through September 30, 1983. Funding source(s) after September 30, 1983 will be determined at a later date. Table 1 summarizes the estimated cash requirements.

2.2 BUDGET AND CASH FLOW REQUIREMENTS

For specific initial criteria applicable to the WNP-1 1983 budgets and related cash flow requirements, refer to the general criteria promulgated in the "1983 Financial Planning Process, Addendum 1," dated June 3, 1983, issued by R. L. Ferguson (Appendix C). The 1983 Financial Plan (Budget) and related cash flows will be submitted for action by the Board of Directors in September, 1982.

2.3 REQUIRED ACTION

A list of specific required actions is given in Section 9.2 and in Appendix D.

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Table 1

FINANCIAL BASELINE

(\$ in Millions)

<u>Beginning Balance (Cash on Hand 5/1/82)</u>	\$ 282
<u>Revenues</u>	
Reinvestment Income	\$ 17.9
Total Revenues	299.9
<u>Cash Requirements</u>	
Estimate for Period 5/82-9/83 (as of 5/24/82)	<u>299.9</u>
<u>Ending Balance (Cash on Hand 10/1/83)</u>	\$ <u>- 0 -</u>

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WNP-1

EXTENDED CONSTRUCTION DELAY CASH FLOW PLAN

(\$ = 000's)

5/82	\$ 42,080
6/82	40,385
7/82	24,950
8/82	18,345
9/82	15,833
10/82	26,532
11/82	17,412
12/82	20,191
1/83	8,666
2/83	9,714
3/83	9,652
4/83	10,429
5/83	9,406
6/83	9,988
7/83	10,133
8/83	11,045
9/83	<u>15,139</u>
 TOTAL	 <u><u>\$ 299,900</u></u>

3.0 LICENSE MAINTENANCE

3.1 DESCRIPTION OF LICENSES

3.1.1 License Requirements

The Supply System currently possesses an NRC construction permit for WNP-1. NRC regulations do not require that any phase of construction of a total project be completed on a specific schedule. The only requirement relating to construction schedule is that construction be completed by the latest completion date specified in the construction permit. The latest completion date may be extended by the NRC for "good cause". (42 USC, 2235; 10CFR50.55)

3.2 License Extensions

It has been common for NRC licensees to seek construction permit amendments to extend latest completion dates. Such amendments are usually granted routinely. "Good cause" for such amendments can be demonstrated by factors beyond the licensee's control such as labor difficulties, changing regulatory requirements, and adverse economic conditions.

3.1.3 WNP-1 License Status

A request to extend the latest completion date on the WNP-1 permit to June 1, 1986, was submitted to the NRC on July 21, 1981. Under NRC Regulations, the construction permit will remain in effect pending NRC action on the request (100CFR2.109). The latest completion date specified in the WNP-1 permit is January 1, 1982. Recently the Coalition for Safe Power petitioned the NRC to convene a hearing on the requested CP extension for WNP-1. The Supply System's and the NRC's legal staffs both filed replies which oppose the petition. The NRC has not yet formally responded to the petition.

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3.1.4 WNP-1 License Extension.

While the NRC Staff has the authority to require licensees to "show cause" why permits should not be modified, suspended or revoked in view of significant new information (see 10CFR2.202), the issuance of a "show cause" order solely because construction on WNP-1 is interrupted is considered to be unlikely, particularly in view of the state of completion of the projects and the likelihood of eventual resumption of construction and project completion. Based on precedents where other utilities have deferred construction (e.g., Duke Power deferral of Cherokee Units 1, 2 and 3), it is expected that the NRC Staff will view the information regarding a deferral of construction on WNP-1 primarily as it relates to their own resource needs and review priorities.

The NRC Staff has informed us that they will probably not take any action on the construction permit extension request until resumption of construction on WNP-1.

3.1.5 NRC Overview of Delay

The NRC Inspection and Enforcement staff will have a direct interest in the plans for, and activities associated with, preservation of the facility records and hardware. It will be important to consider their concerns when formulating our plans for deferral of WNP-1 construction and to keep them closely informed of our activities.

In a June 16, 1982, NRC response to a Coalition for Safe Power petition to withdraw the construction permits for WNP-4/5 on the basis of their termination, the NRC stated that the termination does not itself pose any hazard to public health and safety. The petition was therefore denied. We would expect the staff to take the same position with regard to the slowdown of WNP-1.

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3.1.6 Site Certification Agreement

As a requirement of State law (RCW 80.50.), parties desiring to construct energy facilities in excess of 250 MWE must meet the application and certification requirements of the Washington Energy Facility Site Evaluation Council (EFSEC). The Supply System has secured the requisite Site Certification Agreements for WNP-2, WNP-1/4 and WNP-3/5.

Early in 1982, the Supply System briefed EFSEC on the various stages of the termination process for WNP-4 and 5. On March 11, 1982, the Supply System requested EFSEC to defer any actions that would impact the Site Certification Agreements for WNP-4 and 5, as a facility with a license was definitely more marketable than one without. On April 12, 1982, EFSEC took formal action to concur with the request, and will postpone any consideration of Agreement amendments until June, 1983.

On May 20th the Supply System submitted a similar request to EFSEC for WNP-1. On June 14, 1982, EFSEC agreed "to continue to treat WNP-1 as a licensed facility and to take no action which would in any way diminish or jeopardize the current Site Certification Agreement for WNP-1."

3.2 ACTION PLAN FOR PRESERVING THE WNP-1 CONSTRUCTION PERMIT AND LICENSABILITY

3.2.1 Notifications

NRC management was informally kept informed of the events leading up to the deferral of WNP-1 by several phone calls between April 19, 1982 (the date of the BPA Administrator's recommendation) and April 29, when the Board voted to accept the BPA recommendation.

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Formal notification of both the NRC Staff (Bethesda) and Inspection and Enforcement (Region V) of the Supply System action regarding deferral of WNP-1 construction was accomplished by an April 30, 1982 letter to the Director, NRR, with copy distribution to the Director of Inspection and Enforcement, Region V. No other formal submittals are considered necessary at this time to maintain the WNP-1 construction permit or to satisfy normal practices of keeping the NRC informed of significant activities.

The EFSEC was notified of the construction interruption by a letter dated May 14, 1982.

3.2.2 Licensing Applications

The operating license application for WNP-1 was tendered on November 25, 1981 for the acceptance review. Docketing by the NRC is expected in June or July, 1982.

It is expected that the NRC Staff will begin the review of portions of the Final Safety Analysis Report submitted with the operating license application even though the project is delayed.

There is no filing fee for the operating license application; thus, this action represented no additional cost to WNP-1.

3.2.3 Current Issues Review

As part of our ongoing licensing efforts, we should continue to identify and resolve, where feasible, issues such as those which may be raised by the provisions of 10CFR50.55(e), 10CFR21 and IE Bulletins.

3.3 REQUIRED ACTION

A list of specific required actions is given in Section 9.2 and in Appendix D.

4.0 ENGINEERING CONSIDERATIONS

4.1 TECHNICAL REQUIREMENTS FOR WNP-1 PRESERVATION

Engineering guidance on activities to be conducted for the preservation of the assets in WNP-1 follows. Final determinations are to be made by the Program Director. Engineering planning and considerations for entering an extended construction delay range from complete preservation and completion of all necessary functions, to simply walking off and leaving the work as is. The degree of preservation work is primarily a function of economics at the time of implementation. As a minimum, safety, code or quality requirements will in themselves demand a certain level of preservation activity. Using economics as a basis, three classes of equipment/materials/structures can be defined.

- those which will be preserved at all costs
- those which will receive minimal attention and are assumed at a risk to be suitable for service later
- those which are simply left as is

The equipment/structure/materials that are encompassed by each of these classes can only be determined by an item by item evaluation by technically knowledgeable persons, with final decisions made by the Program Director responsible for managing the extended construction delay within a defined funding level.

4.2 EQUIPMENT TO BE PRESERVED AT ALL COSTS

For that equipment/material/structures required to be preserved, the following considerations must be evaluated:

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- Preservation and storage will be in accordance with manufacturer's recommendations, applicable design requirements and ANSI N45.2.2.
- Complete surveillance and record keeping functions must be maintained throughout the delay period. The condition of the equipment must periodically be verified and all protective measures maintained intact.
- Records including drawings, purchasing/manufacturing documents, code data reports, or partial code data reports, qualification documentation, construction deficiency reports and any other applicable documents must be completed to the extent possible and must be properly filed with the responsible party.
- Construction drawing revisions, completed engineering directives and an accurate status record of work completed must be identified and filed with the responsible party.

4.3 MINIMUM ATTENTION WITH RISK

For equipment/material/structures determined to require minimum attention, the following considerations must be evaluated:

- Preservation and storage will be in accordance with manufacturer's recommendations, applicable design requirements, and/or ANSI N45.2.2. However, these requirements may be modified based on the degree of acceptable economic risk for a particular piece of equipment.
- Minimal surveillance will be established to assure protective measures remain adequate, i.e., heater operable, covers intact, etc.

- Records, including drawings, purchasing/manufacturing documents, code data reports or partial code data reports, qualification documentation and any other applicable documents will be completed to the extent possible and filed with the responsible party.
- Construction drawings, revisions and completed engineering directives will be identified and filed with the responsible party when practical.

4.4 LEFT AS IS

Those items identified as more costly to maintain for the delay period than to replace will receive no attention. Those items that cannot be used elsewhere and have a specified shelf-life of insufficient length to warrant preservation, will receive no attention. Alternatively, items in this category might be excessed or sold as scrap.

- Exposed rebar and structural steel should be left as is with sand-blasting prior to usage, if required.

4.5 ECONOMIC CONSIDERATION

Preservation of certain specialty, nonsafety-related items will be given close consideration. Examples of high-dollar specialty items are the turbine and generator.

4.6 REQUIRED ACTION

The Program Director shall define the layup requirements for all equipment/structures/materials to be preserved given the economic considerations discussed in his plan. These items are to be identified by June 30, 1982, so that specific commercial direction may be given to appropriate construction contractors and equipment vendors.

Nonconformances relating to hardware, structures, and documentation will be dispositioned, and closed out when practical. (If nonconformances can be closed out at the contractors expense, they should be closed out.) As a minimum, unresolved nonconformances should be recorded and their status noted for future action.

5.0 QUALITY CONSIDERATIONS

Planning for the WNP-1 extended construction delay addresses Quality Assurance program considerations that are necessary to preserve licenses and permits and to protect plant equipment and facilities to insure a resumption of construction after the delay.

5.1 REGULATORY REQUIREMENTS

The regulatory requirements that will be met to preserve the assets at Project 1 are outlined in the following subsections.

5.1.1 Quality Assurance Program

The applicable portions of the Design and Construction Quality Assurance Program will continue to be implemented to cover the extended construction delay.

5.1.2 Preservation and Storage Requirements

As discussed in Section 4, Engineering Considerations, equipment received and in storage shall be maintained in accordance with manufacturer's recommendations and/or applicable design requirements and standards, or approved alternatives.

Implementation of the preventive maintenance program shall be verified by Quality Assurance through site surveillances/audits.

5.1.3 Procedures/Instructions

Applicable existing procedures will continue to be implemented to assure that the quality of materials, components and structures, including partially completed structures, is adequately preserved during the period of suspended construction.

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5.1.4 Records

Documentation for work completed, including maintenance and qualification records, will be reviewed, accepted, maintained, and stored in a record storage facility to which the Supply System has assured access.

The status of construction tests and inspections performed prior to suspension of work will also be documented, reviewed and stored in a records facility accessible to the Supply System.

5.1.5 ASME Code Work

The ASME Manual will continue to be in effect.

5.2 REQUIRED ACTION

The WNP-1 Program Director is responsible for developing any additional implementation plans which do not currently exist, to meet these requirements. These plans are to be defined, documented and a copy provided to Corporate Quality Assurance.

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6.0 DOCUMENTATION AND RECORDS

This section describes the requirements for records and documents needed to preserve the assets of WNP-1. Records/documentation are a necessary part of the total construction effort. Proper documentation must be accomplished at minimum cost.

6.1 PRESENT STATUS OF DOCUMENTATION - WNP-1

The current status of records for WNP-1 is as follows:

- Engineering/Design records are in UE&C and/or contractor custody.
- QA Class I construction records are in Bechtel and/or contractor custody.
- ASME Division 2 construction records are in UE&C and/or contractor custody.
- Quality Class II and G construction records are in Supply System, Bechtel and/or contractor custody.
- QA Class I equipment vendor records are in Supply System, Bechtel and/or prepurchased equipment contractor custody.
- Class II and G equipment vendor records are in Supply System, Bechtel or prepurchased equipment contractor custody.
- Supply System contractors/consultants records are in Supply System custody (fuel racks, security system, operational spare parts, simulator, etc.).
- Supply System-generated records are in Supply System custody.

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6.2 RECORDS REQUIREMENTS

In order to preserve the assets of the project, records must be retained as described in the following subsections.

6.2.1 Architect/Engineer and Construction Manager

The AE and/or CM shall retain all quality records currently in his custody. Custody of quality records for terminated contractors will be retained by the CM and/or AE.

6.2.2 Supply System

The Supply System shall retain all quality records currently in its custody, and obtain custody of those that are not, for those contracts administered within the Supply System (e.g., fuel racks, security system, etc.).

6.2.3 Contractors

Contractors will submit their records to the AE or CM as indicated in paragraph 6.2.1 above or as otherwise determined by the Program Director. Custody of quality records for suspended contractors will be retained by the contractor. The Supply System will verify the adequacy of those records by audit/surveillance.

6.3 RECORDS GENERATED DURING CONSTRUCTION DELAY

Records generated during the extended construction delay shall be retained as follows:

- Preventive maintenance records shall be retained by the Supply System.

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- Records for equipment received during the construction delay shall be retained by the CM organization.

6.4 REQUIRED ACTION

A list of specific actions required is given in Section 9 and Appendix C.

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7.0 COMMERCIAL ACTIONS

7.1 GENERAL

The guidance and requirements specified in this section are necessary to ensure proper overall planning, support budget formulation and facilitate cash flow forecasting and control. It is emphasized that the Program Director will implement immediately those contractual actions that reduce the continuing commitment of funds to a minimum, with consideration being given to restart impact. Priority shall be given to the largest dollar impacts.

7.2 SPECIFIC ACTIONS

7.2.1 Prepurchased Equipment

The decision to suspend or terminate prepurchased contracts will be made on a case by case basis, based upon (a) whether such suspension or termination will result in greater near-term costs than continuance of work, and (b) the ability to repurchase to support restart.

The Program Director shall review all contracts and develop an initial plan for resolving each contract by August 1, 1982. Data shall reflect the following:

- Listing of contracts based on estimate of potential costs. Immediate evaluations are to be conducted on large dollar-value exposure contracts.
- Intended Action -
 - a. Suspension of WNP-1 work
 - b. Termination of WNP-1 work
 - c. Partial suspension of WNP-1 work
 - d. Continue work to completion

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- Consideration of disposing of equipment, material on hand or raw materials in vendors' shops. Such disposal must recognize existing bond covenants; additional guidance on this will be provided.

The Program Director shall prepare individual contract negotiation plans as required to support the commercial action plan. Based on these negotiation plans, the projected cost/cash flow should be reviewed and adjusted. An overall negotiation schedule should also be prepared, based on the priorities established above, by August 1, 1982. Negotiations should begin in accordance with this schedule. Upon completion of individual negotiations, the cost/cash flow projections will be adjusted, if necessary. Necessary contractual documents should be executed in accordance with established commercial procedures.

7.2.2 Construction

The action plans for construction contracts are similar to those for prepurchased equipment.

7.2.3 Headquarters Contracting Activities

Service and prepurchase contracts that support, or are funded by WNP-1, and are managed by Headquarters will be given the same scrutiny and reports provided thereon as in the case of prepurchase contracts. This will be accomplished by the Chief Financial Officer/Treasurer who will coordinate actions with the others for whom the contracting services are being provided.

7.3 NUCLEAR FUEL

The nuclear fuel contracts are under the technical control of the Technical Director. The following actions are to be taken.

7.3.1 NSSS/Fuel

Initial core fuel is included in Contract 2 with B&W. A new extended date for delivery of initial core fuel will be negotiated in upcoming meetings with B&W and included in the resulting modification to this contract.

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7.3.2 Western Nuclear

On November 29, 1981, the Supply System filed a lawsuit in US District Court, Western District of Washington, against Western Nuclear Inc. The Supply System advised Western Nuclear that the contract to supply uranium concentrates is not enforceable, and that the Supply System would not accept further deliveries or make further payments under the contract. On February 22, 1982, the Court granted Western Nuclear's motion for summary judgement, finding the contract to be enforceable and ordering the Supply System to pay damages. A trial to determine damages is scheduled to begin on November 13, 1982. The Court's decision does not affect the Supply System claims under Federal Anti-Trust laws.

7.3.3 Department of Energy

Separative work is currently scheduled to be delivered to the Supply System for WNP-1 in FY 84, FY 85 and FY 86, in addition to an existing inventory of separative work. The Supply System's initiatives to sell these services to other utilities are to be continued.

7.3.4 Kerr-McGee UF₄ Conversion Contract

This contract involves conversion of UF₄ supplied by Gardiner to UF₆. Termination of the Gardiner contract has reduced the amount of conversion needed under this contract to only a very small quantity. Contract closeout is expected to be completed by September, 1982.

7.3.5 Kerr-McGee U₃O₈ Conversion Contract

This contract involves conversion of a fixed quantity of U₃O₈ for WNP-1 through 1986. It is expected that no conversion services for WNP-1 will be required over this period. Elimination of this commitment will be pursued.

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7.3.6 Reporting Responsibilities

The Technical Director will continue close coordination of actions with the Director of Projects, and will advise the Program Director of any changes to plans and will provide reports as required.

7.4 REQUIRED ACTION

Specific required actions are given in Section 9 and Appendix C.

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8.0 PROGRAMMATIC ACTIONS

The Supply System is committed to becoming an efficient organization designed to build three nuclear plants as opposed to five. This will require a number of programmatic actions including streamlining organizations and improving the overall manual-to-nonmanual ratios on the projects. The Program Directors are to pursue such actions with respect to architect engineers, the construction managers and the construction contractors. These types of management initiatives must be implemented to minimize the impact of the extended construction delay. In the same sense, all nongenerating facilities and other activities conducted by the Supply System not directly supporting construction should be examined to determine if there are new and better ways of doing business, and thereby effecting economies with respect to personnel and costs overall. The foregoing is to be accomplished by appropriate directors within the framework of the existing Supply System organization.

9.0 REQUIRED ACTIONS

9.1 ACTIONS TAKEN TO DATE

The following actions have already been initiated and will be continued as necessary to implement the construction delay. The Program Director has:

- Initiated reductions in manual/non-manual workforce.
- Initiated actions to reduce construction activities to an absolute minimum.
- Provided initial guidance on commercial actions. Supplemental direction will be provided on a continuing basis as required.
- Developed necessary budget guidance for the FY 83 budget and the FY 83 addendum.
- Initiated necessary early planning activities for the extended construction delay.

9.2 PLANNED ACTIONS

An "action item" system has been established wherein important actions are identified, responsible individuals assigned, completion dates established and management follow-up accomplished (see Appendix D).

A selected list of key actions has been extracted and are highlighted in Table 3. The due dates and responsible individual(s) are also indicated.

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TABLE 3

SELECTED WNP-1 REQUIRED ACTIONS

<u>Report Item</u>	<u>Responsibility</u>	<u>Required Date</u>
CONSTRUCTION-RELATED ITEMS (INCLUDES SECURITY AND SAFETY)		
Implement a lay-up plan for all designated equipment, material, and structures/systems on site. Assure development of NSSS and Turbine-Generator lay-up requirements.	FC Hood	7/1/82
Prepare and implement a site Property Management program	FC Hood	7/12/82
ENGINEERING ACTIONS		
Review all contractor engineering efforts, and rampdown effort as appropriate	FC Hood	5/31/82
Define technical layup requirements	CB Organ	6/30/82
LICENSING ACTIONS		
Develop action plan to enhance licensability of plant	AG Hosler	5/30/82
OPERATIONS/TEST & STARTUP ACTIONS		
Prepare and implement PM/CM program	RF Mazurkiewicz	5/31/82
CONTROLLER AND COST-RELATED ACTIONS		
Prepare FY 83 budget as baseline budget	DR Cseh	8/20/82
Project cash flow projections through 9/30/83	DR Cseh	6/23/82
Provide recommendations for shutdown or continued use of ADP systems at site	DR Cseh	6/30/82
Establish cost sharing guidelines for use at the site as required (e.g., on change orders)	DR Cseh	4/30/82

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TABLE 3
(Continued)

SELECTED WNP-1 REQUIRED ACTIONS

<u>Report Item</u>	<u>Responsibility</u>	<u>Required Date</u>
QUALITY ASSURANCE		
Status open NRC inspection and 50.55e items to facilitate restart	CR Edwards	9/30/82
Conduct assessments of documentation, compilation and statusing	CR Edwards	9/15/82
COMMERCIAL ACTIONS		
Conduct review of all prepurchased contracts and provide plan of action for each (e.g., suspension, termination or other action)	JA O'Donnell	6/30/82
Establish schedule for closeout, termination or suspension of all construction and Supply System contracts	JA O'Donnell	6/30/82
DOCUMENTATION ACTIONS		
Review, approve and implement Bechtel's, UE&C's, QA's and SS documentation plans	FC Hood CF Organ CM Michael	6/30/82
PROPERTY CONTROL/FACILITIES ACTIONS		
Prepare and implement vehicle, trailer, office equipment and utilities consolidation/disposal plan	RF Mazurkiewicz	6/30/82
GENERAL ACTIONS		
Identify more efficient "ways of doing business" at WNP-1 and provide schedule for evaluating and implementing, when appropriate, such improvements	CB Organ (UE&C) FC Hood (Bechtel)	7/15/82

10.0 MANAGEMENT OF THE EXTENDED CONSTRUCTION DELAY

The principles for management of the construction delay are presented in Section 1.5 and will be based on implementation by line management.

10.1 LINE MANAGEMENT RESPONSIBILITIES

Management of the extended construction delay is the direct responsibility of the line managers of the Supply System. Each Director will be responsible for accomplishing those activities within his area of responsibility on the defined schedule and within budget. The integrity of the overall financial baseline defined in Section 2.0 must be maintained and is the collective responsibility of every director.

10.2 PROGRAM RESPONSIBILITIES

The Program is to provide assistance to line management in developing and implementing actions and is to provide a consolidated performance evaluation. The Program Director will continue to report to the Director of Projects on all matters related to the extended construction delay. The functions of the Program will be as follows:

- develop and publish a consolidated Monthly Performance Report
- analyze impact of external influences on the ability to perform against the defined baseline
- identify any requirements or additional initiatives for executing the delay
- assist the Director of Projects in review of program actions against the plan

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- assist line management where and when necessary in the implementation of the extended construction delay
- review the experience of other nuclear utilities in extended delays on their plants
- review Supply System performance on accomplishing required tasks
- review total expenditures versus baseline and funds availability to identify possible variance trends or overruns
- identify and analyze potential areas for further savings
- update this plan as necessary.

10.3 REPORTING GUIDELINES

The following reports/input are required on a monthly basis:

- Financial (responsibility of D.R. Cseh)
 - cash flow twelve-month rolling projection extended through September 1983, and accompanying variance explanation on a current month basis as well as a total to go cash projection through September 1983

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- Construction (responsibility of F. C. Hood, based on monthly reports to be provided by the Construction Manager)
 - Documentation to include information on
 - Inspection
 - Vaulting
 - Packaging
 - Contract Closeouts
 - Efficiency Improvements
 - Revised Level 0 Project Schedule
 - Quality Assurance
 - Quality Control
 - Safety
 - Manpower
 - HQ Activities - Performance Related
 - Property Management
 - Cash Flow
 - Contractor Engineering
 - Construction Acceptance Statusing
- Engineering (responsibility of C. B. Organ, based on monthly reports to be provided by the A/E)
 - CPR
 - Variance
 - 9/90 Program
 - Licensing & TMI Schedule
 - Level 0 Schedule to Completion
 - 6 Month Look Ahead
 - Prepurchased Equipment
 - Efficiency Improvements
 - Contract Closeout
 - Cash Flow
 - Manpower
 - HQ Activities - Performance Related

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- Business (responsibility of J. A. O'Donnell)
 - status of contract closeout/deferral actions by contract (with concurrence of F. C. Hood and C. B. Organ)
 - status of contract commercial actions relating to steps taken to obtain an equitable settlement between the Supply System and contractors on all open issues (with concurrence of F. C. Hood and C. B. Organ).
- Quality Assurance (responsibility of C. R. Edwards)
 - continue present reporting to Program Director and Director, QA, with modifications to show status of delay activities.

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APPENDIX A

BOARD OF DIRECTORS' RESOLUTION NO. 1221

AND

EXECUTIVE BOARD RESOLUTION NO. 71

APPENDIX A

BOARD OF DIRECTORS

RESOLUTION NO. 1221

A RESOLUTION DIRECTING A FINANCING AND
CONSTRUCTION PROGRAM FOR PROJECTS 1,
2 AND 3 AND AN EXTENDED CONSTRUCTION
DELAY FOR PROJECT 1

On April 19, 1932, the Bonneville Power Administrator
recommended to the Board and staff of the Supply System that:

1. The construction of Projects 2 and 3 proceed at
full pace to maintain or improve the existing
construction schedules for these projects,
2. The construction completion schedule of Project
1 be delayed for a period of up to five years;
and
3. The Board instruct the staff of the Supply System
to prepare a budget and financing plan consistent
with these recommendations.

The Administrator's recommendation does not provide for
a bond sale for Project 1 at this time.

On April 23, 1932, the Administrator notified the Execu-
tive Board by letter that he would not approve a financing
plan inconsistent with that program.

The Managing Director, at the request of the Executive
Board, prepared and presented alternatives to the Administrator's
recommendation to the Finance Committee of the Executive Board

26 and to the Bonneville Power Administration.

27 On April 29, 1962, the Administrator notified the Execu-
28 tive Board by letter that he would not approve any of the
29 alternatives presented or a financing plan or bond resolution
30 which was inconsistent with the original recommendation.
31
32

1 The Bond Resolutions for the Projects require the Supply
2 System to complete construction of the Projects at the earliest
3 practical time, subject to the Project Agreements.

4 Pursuant to the Project Agreements, the Administrator
5 has a right of approval of bond resolutions for the Projects,
6 and his exercise of that right is not subject to review by a
7 project consultant.

8 The Managing Director has reported that without a bond
9 sale for Project 1, the Supply System will have insufficient
10 funds to pay project commitments and that no other source of
11 funds is available and an immediate extended construction de-
12 lay is necessary to preserve the assets of Project 1, and

13 The Executive Board has recommended that the Board of
14 Directors concur in Resolution No. 71 of the Executive Board
15 directing the Managing Director to take actions consistent
16 with the Administrator's recommendation; NOW, THEREFORE,

17 IT IS RESOLVED that the Board of Directors concurs in
18 the action of the Executive Board contained in Executive
19 Board Resolution No. 71.

20 ADOPTED by the Board of Directors of Washington Public
21 Power Supply System this 29th day of April, 1962.

22
23 Stanton Wilson
24 President

25 ATTEST:

26
27
28
29
30
31
32

James C. [unclear]
Secretary

APPROVED AS TO FORM
AND LEGALITY:

Blair [unclear]
Counsel

1 APPENDIX A

2 EXECUTIVE BOARD

3 RESOLUTION NO. 71

4 A RESOLUTION DIRECTING A FINANCING AND
5 CONSTRUCTION PROGRAM FOR PROJECTS 1,
6 2 AND 3 AND AN EXTENDED CONSTRUCTION
7 DELAY FOR PROJECT 1

8 On April 19, 1982, the Bonneville Power Administrator
9 recommended to the Board and staff of the Supply System that:

- 10 1. The construction of Projects 2 and 3 proceed
11 at full pace to maintain or improve the existing
12 construction schedules for these projects,
- 13 2. The construction completion schedule of Project
14 1 be delayed for a period of up to five years;
15 and
- 16 3. The Board instruct the staff of the Supply System
17 to prepare a budget and financing plan consistent
18 with these recommendations.

19 The Administrator's recommendation does not provide for
20 a bond sale for Project 1 at this time.

21 On April 23, 1982, the Administrator notified the Execu-
22 tive Board by letter that he would not approve a financing
23 plan inconsistent with that program.

24 The Managing Director, at the request of the Executive
25 Board, prepared and presented alternatives to the Administrator's
recommendation to the Finance Committee of the Executive Board

26 and to the Bonneville Power Administration.

27 On April 29, 1932, the Administrator notified the Execu-
28 tive Board by letter that he would not approve any of the
29 alternatives presented or a financing plan or bond resolution
30 which was inconsistent with the original recommendation.
31
32

1 The Bond Resolutions for the Projects require the Supply
2 System to complete construction of the Projects at the earliest
3 practical time, subject to the Project Agreements.

4 Pursuant to the Project Agreements, the Administrator
5 has a right of approval of bond resolutions for the Projects,
6 and his exercise of that right is not subject to review by a
7 project consultant.

8 The Managing Director has reported that without a bond
9 sale for Project 1, the Supply System will have insufficient
10 funds to pay project commitments and that no other source of
11 funds is available and an immediate extended construction de-
12 lay is necessary to preserve the assets of Project 1; NOW,
13 THEREFORE,

14 IT IS RESOLVED that the Managing Director is directed
15 and authorized to implement an immediate extended construction
16 delay of Project 1 consistent with the Administrator's recommen-
17 dation and good business practice, and to prepare and submit
18 amended budgets and a financing plan for the Projects for
19 review and approval by the Executive Board and the Board of
20 Directors, and

21 IT IS FURTHER RESOLVED that the Executive Board recommends
22 to the Board of Directors that the Board of Directors concur
23 in this action by passing a resolution in a form substantially
24 imilar to this Resolution No. 71.

25 ADOPTED by the Executive Board of Washington Public Power

26 Supply System this 29th day of April, 1982.

27

28

29

30

31

32

Stanton
Chairman

ATTEST:

APPROVED AS TO FORM
AND LEGALITY:

William Sange
Secretary

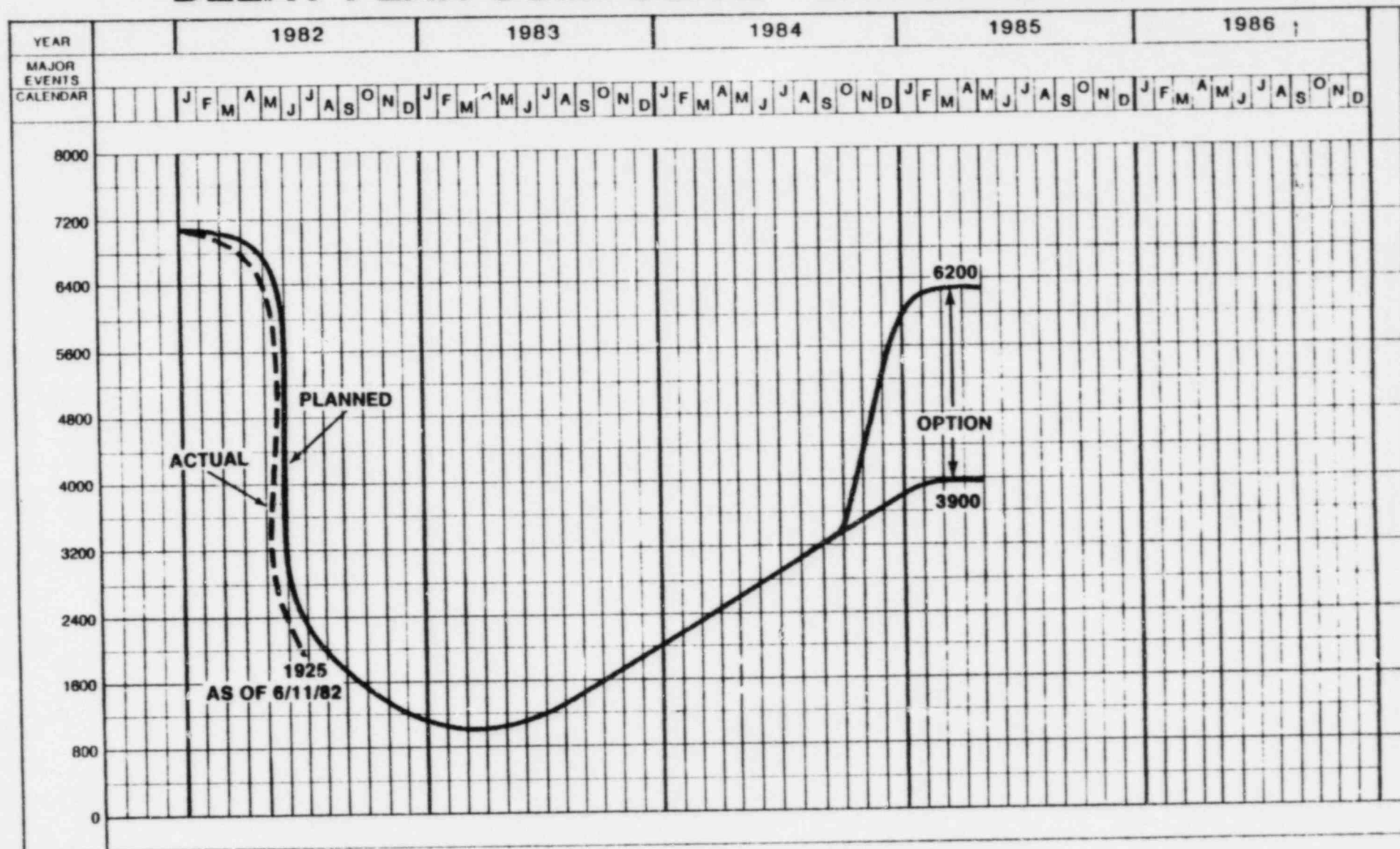
William Sange
Counsel

JUNE 29, 1982

APPENDIX B

COMPOSITE MANNING CURVE

WNP-1 EXTENDED CONSTRUCTION DELAY PLAN COMPOSITE PERSONNEL CHART



JUNE 29, 1982

APPENDIX C

WNP-1 FINANCIAL PLAN

INTEROFFICE MEMORANDUM

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

Distribution:

- ☐ EDC WNP-1/4
☐ EDC WNP-2
☐ EDC WNP-3/5
☐ Admin File

Department Mgrs.
 Division Mgrs.
 RLF/File/LB

Date: June 3, 1982

To: Directors

From: R. L. Ferguson, Managing Director

Subject: 1983 FINANCIAL PLANNING PROCESS, ADDENDUM 1

Reference: IOM, March 9, 1982, R. L. Ferguson to Directors, "1983 Financial Planning Process"

Since the issuance of my reference memorandum, a series of events have occurred which led to the Executive Board's directive of April 29, 1982 to implement an immediate extended construction delay of WNP-1 and to prepare amended budgets for the Projects consistent with the directive.

We must now adjust our 1983 Financial Planning Process to reflect this new direction. The specific targets for this amended planning process are as follows:

- Project milestone dates are as follows:

	<u>Fuel Load</u>	<u>Commercial Operation</u>
WNP-1	12/90	6/91
WNP-2	9/83	2/84
WNP-3	12/85	6/86

- Budget planning for WNP-3 should be done so as to not preclude Fuel Load as early as June 1985.
- The extended construction delay of WNP-1, with its attendant reduction in monthly cash flow, meets the intent of the previous planning target of reducing the total combined (WNP-1, 2 and 3) monthly cash flow by up to 15 percent.
- A total Supply System staffing level of 1,740 and its associated cost is to be the planning base for future Supply System Resources. Any changes of the planning base for future Supply System Resources can only be authorized by the Corporate Resource Allocation Team.

Further clarification of this direction is provided in the attached document entitled "General Criteria, 1983 Financial Planning Process - Addendum 1, June 3, 1982".

RLF/lbc

Attachment

GENERAL CRITERIA
1983 FINANCIAL PLANNING PROCESS
ADDENDUM 1, JUNE 3, 1982

I. INTRODUCTION/PURPOSE

Due to the Executive Board's directive of April 29, 1982 to implement an immediate extended construction delay of WNP-1 and to prepare amended budgets for the projects consistent with the directive, an addendum to the 1983 financial planning/budget criteria is required.

II. SCOPE

Substantial changes to all major budget line items for WNP-1 will be required as a result of the Board's action. It is expected that changes to certain major budget line items for WNP-2 and 3 will also be required due to implementation of the May 1982 Supply System reduction in force.

III. REVISED 1983 FINANCIAL PLANNING TARGETS

A. Project milestone dates are as follows:

	<u>Fuel</u> <u>Load</u>	<u>Commercial</u> <u>Operation</u>	
WNP-1	12/90	6/91	(See Section VI for related assumptions.)
WNP-2	9/83	2/84	(Unchanged.)
WNP-3	12/85	6/86	(Reflects 6 months earlier completion.)

Note: Budget planning for WNP-3, particularly Supply System operations staffing, should be done so as to not preclude Fuel Load as early as 6/85.

B. The extended construction delay of WNP-1, with its attendant reduction in monthly cash flow, meets the intent of the previous planning target of reducing the total combined (WNP-1, 2 and 3) monthly cash flow by up to 15%.

C. A total Supply System staffing level of 1,740 (see Attachment 1) and its associated cost is to be the planning base for future Supply System Resources. Any change of this planning base can only be authorized by the Corporate Resource Allocation Team. Outside consultants, job shoppers or temporary hires will not be used to circumvent the intent of this planning target.

IV. GUIDELINES/SPECIAL CONSIDERATIONS

A. Data developed in the 1983 Financial Planning Process will be used as the basis for preparing revised estimates/budgets.

B. For WNP-1:

1. Estimate to completion from May 1, 1982 through Commercial Operation is to be prepared reflecting a 5-year slippage in the current official Commercial Operation date of June 1986. The revised Commercial Operation date would be June 1991. This estimate is to be prepared consistent with assumptions provided in Section VI of this document.
2. Detailed cash requirements from May 1, 1982 through September 30, 1983 must be prepared in the format provided in Attachment 2.
 - For Each Prepurchased Equipment Contract
 - For Each Construction Contract
 - For Each Major Owner Furnished Equipment/ Material Contract or Purchase Order
 - For Each Nuclear Fuel Contract
 - Architect-Engineer Services
 - Construction Management Services
 - Supply System Resources (A&G)
3. Cash requirements after September 1983 are to be identified by major budget line item, monthly through June 1984 and quarterly thereafter.
4. The total cash disbursement required for WNP-1 from May 1, 1982 through September 30, 1983 is limited to the cash balance in the project construction fund as of May 1, 1982 (approximately \$282 million) plus the reinvestment income thereon.
5. A preliminary estimate of cash disbursements required from May 1, 1982 through September 30, 1983 was prepared in March 1982. A summary of this estimate is shown on Attachment 3. This estimate has been used by BPA in their fiscal planning. Therefore, any variance to this preliminary estimate must be adequately explained.

- C. Cost of all common equipment and facilities for WNP-1 and 2 will continue to be shared equally between these two projects.

- D. Preliminary inputs for the Supply System Resource Budget are to be revised consistent with:

- May 1982 Reduction-in-Force Plan
- Revised 1983 Financial Planning Targets (Section III)
- WNP-1 Extended Construction Delay Estimate Assumptions/ Guidelines (Section VI)

More detailed budget instructions for Supply System Resources are provided in Attachment 4.

- E. Cost and cash flow forecasts are to be updated to reflect cumulative actuals through May 28, 1982.

V. INTERIM BUDGET REQUIREMENTS

- A. To allow adequate time for incorporating budget changes due to the WNP-1 extended construction delay, final Executive Board action on the budget has been deferred from June 25, 1982 until September 24, 1982.

- B. Historically, the budget has been updated annually with an effective date of July 1. This year, with final Board action being delayed, it will be necessary to prepare an interim budget for this 3-month period. Guidelines for this interim budget are as follows:

1. The basic intent is to state as simply as possible the monthly financial requirements for the construction projects for the period of July 1, 1982 through September 30, 1982.
2. Formal document will be prepared and mailed out on June 4, 1982 with Board action scheduled for June 10, 1982.
3. Content of the formal document will include as a minimum:
 - Cost by major budget line item.
 - Major planned accomplishments, e.g., completion percentage, important milestones.
 - Cash flow including income and disbursements.

4. Final format will be established by Corporate Budgets.
5. The interim budget for Supply System Resources will be prepared by the Corporate Budget office. Specific input will not be required from each organization.

VI. EXTENDED CONSTRUCTION DELAY ESTIMATE ASSUMPTIONS/GUIDELINES, WNP-1

- A. Construction deferral actions began on May 1, 1982.
- B. Estimate to be based upon a 5-year delay in project completion with an early manpower buildup, slow construction pace and option for earlier completion.
 - Fuel Load 12/90 (or Earlier--as Early as 12/87)
 - Commercial Operation 6/91 (or Earlier--as Early as 6/88)

Note: Although the estimate is to be based upon this 5-year delay plan, budget planning should be done so as to not preclude earlier completion.
- C. Restart assumptions and guidelines are generally defined as follows:
 - Build-up professional/craft manpower at a gradual rate until October 1984. Begin restaffing:
 - January 1983 for Architect-Engineer, Construction Manager and Supply System Resources
 - March 1983 for Contractor Nonmanual
 - July 1983 for Manual
 - Evaluate option of earlier completion in third quarter of 1984 (could accelerate manpower with Fuel Load as early as December 1987).
- D. Project scope remains as presently defined; no major regulatory impacts.
- E. Conduct preventive maintenance of critical equipment; conduct minimum activities necessary to preserve licenses, N-stamp and construction permit; maintain sufficient and accurate documentation of all quality, safety and code-related materials/equipment; maintain Class II and G documentation to support extended construction delay and operational requirements; maintain commercial/administrative documentation to support commitments and corporate requirements.

- F. Estimate to be based upon initial results of 1983 Financial Planning/Budgeting Process.
- G. Shutdown and preservation of asset activities are to be conducted with absolute minimum cash flow.
 - Shutdown all construction over 3-month period. Craft manpower turndown as rapid as possible.
 - Ceiling of \$25 million for completing certain construction work to optimize restart and/or complete to logical stopping point.
 - Nonmanual manpower turndown to minimum requirements by January 1983.
- H. Most prepurchased equipment contracts will be completed in order to preserve design specifications and license basis. For contracts not in this category and not 75% complete:
 - Acquire all documentation.
 - Assure adequate material supply on site to optimize restart.
 - Terminate contract.
- I. Expected results of estimating effort.
 - Revised estimate at completion by major budget line item including Supply System resources.
 - Related cash flow by month through September 1983 and quarterly thereafter.
 - Separate identification of deferral cost impacts.
 - Ramp-down/Demobilization (Including Documentation Effort)
 - Ramp-up/Remobilization
 - Contract Termination/Suspension Penalties
 - Preservation of Assets
 - Inflation

VII. COMPLETION SCHEDULE

Issue Addendum to General Criteria	6/3
Complete Interim Budget	
- Managing Director's Review	6/4
- Mailout	6/4
- Board Action	6/10
Managers Submit Revised Resource (A&G) Budget Input	6/25
Complete Construction, Supply System Resource and Nuclear Fuel Estimates and Preliminary Cost/Cash Flows	7/9
- WNP-1 Deferral	
- WNP-2 and 3 Full Production	
- WNP-4/5 Termination	
Corporate Resource Allocation Team Final Review	7/19-21
Managing Director's Interim Review	7/26-27
Complete Final Estimates, Cost Flows and Cash Flows	7/30
Complete Financing Plan; Interest, Financing & Reserves	8/6
Managing Director's Final Review	8/9-10
Issue Draft of Formal Budget Documents	8/20
Conduct Formal Reviews (Finance Committee, Owners, Participants and BPA)	8/30-9/10
Board Action	9/24

SUPPLY SYSTEM STAFFING LEVEL

<u>Organization</u>	<u>Actual 5/82</u>	<u>Planning Target Following RIF</u>
Managing Director	8	5
Legal	11	9
Internal Audit	18	12
Administrative Audit	5	2
WNP-4/5 Termination	8	6
Director Projects	3	4
Public Affairs	54	32
Quality Assurance	81	66
Safety/Security	391	318
Administration	230	124
Technology	166	150
Power Generation	592	520
WNP-2	147	135
Chief Financial Office	262	180
WNP-1	120	60
WNP-3	<u>116</u>	<u>114</u>
TOTAL	<u>2,212</u>	<u>1,737</u>

SAY 1,740

WNP-1
EXTENDED CONSTRUCTION DELAY
BASELINE BUDGET AND CASH FLOW FORECAST

Sheet ___ of ___

Date: _____

Revision: _____

Contract No.: _____

Contractor: _____

Contract Description: _____

May 1982 Through Sept. 1983

Activities							Total
<u>Baseline Scope</u>							
. Work Invoiced							
. Work Not Invoiced							
. In Process Work							
. Old Claims							
. Other							
.							
Total Baseline							
<u>Delay Scope</u>							
. Maintenance							
. Demobilization							
. Suspension							
. Termination							
. Document Closeout							
.							
Total Delay							
TOTAL SCOPE							

Assumptions: _____

Budget Approval Sign-offs

Contract Budget Accountability: _____ Date: _____

Program Director: _____ Date: _____

DEFINITIONS

BASELINE SCOPE (FY-1982 BASELINE BUDGET)

1. Work Invoiced

Includes all cost for work completed and invoiced including but not limited to direct manual labor cost, support or distributable manual labor cost, labor special cost, nonmanual labor cost, material cost, construction, equipment usage cost, overhead cost, escalation, sales taxes, etc. for any work, services, equipment or material (that is included in the FY-1982 Baseline Budget scope) that has been invoiced for payment by the Supply System.

2. Work Not Invoiced

Includes all cost for work completed or future work, as defined above in "work invoiced", for services, equipment or material (that is included in the FY-1982 Baseline Budget scope) that has been or will be performed in the future and that has not been invoiced for payment by the Supply System (i.e., final demobilization of completed contracts).

3. In-Process Work

Includes all cost for work performed (or allowed to be performed by primarily material and equipment suppliers) on prefabricated items not yet finished and/or shipped as of a specified date (product still in the fabricator's shop).

4. Old Claims

The projected cost settlement of all contractor identified claims and potential claims which have not yet been submitted by contractors (but are included in the FY-1982 Baseline Budget scope) exclusive of any claims relating to the construction slowdown and/or the subsequent extended construction delay.

5. Other

Includes the cost of other outstanding financial liabilities (i.e., contract realignments, adjustment payments).

EXTENDED CONSTRUCTION DELAY SCOPE (NOT INCLUDED IN FY-1982 BASELINE BUDGET)

1. Maintenance

Includes all cost for work associated with securing the in-place commodities, placing material and equipment into storage, monitoring and securing the facilities, maintenance and preservation of materials, equipment, facilities, documentation and warranties (that are exclusive of the FY-1982 Baseline Budget) solely related to the construction slowdown and/or the subsequent extended construction delay.

2. Demobilization

Includes all cost for work operations associated with moving off the job site upon notification of termination or suspension including dismantling and removal from site of construction equipment, facilities, personnel and restoration of the site as required. Demobilization is defined here as the "Interrupt Demobilization" and not the "Bid Demobilization" (that is included in the FY-1982 Baseline Budget). Remobilization is to be considered after June 30, 1983.

3. Suspension of Contract

The projected cost settlement of all contractor identified claims and potential claims resulting from the suspension of work associated with the extended construction delay (if any). Cost shall include as a minimum all considerations (if any) for nonrecoverable overhead cost, extended overhead cost and other potential claimed cost (not included in the FY-1982 Baseline Budget) solely as a result of the construction slowdown and/or the subsequent extended construction delay.

4. Termination of Contract

Includes all projected cost settlements as defined above in "suspension" for contractor identified claims and potential claims resulting from the "termination of contract" associated with the extended construction delay (if any). Termination cost shall also include as a minimum all considerations (if any) for cancellation charges and/or restocking charges for existing orders and other potential claim cost (not included in the FY-1982 Baseline Budget) which are solely as a result of the construction slowdown and/or the subsequent extended construction delay.

5. Document Closeout

Includes all costs for making ready sufficient and accurate documentation for all classes (I, II and G) of work necessary to preserve the plant's license, design and completed work.

WNP-1
CASH REQUIREMENTS
5/82 - 9/83
(\$ in Millions)

Prepurchased Equipment/Material	\$ 24.3
Architect-Engineer	16.1
Construction Contracts ⁽¹⁾	159.3
Owners ⁽²⁾	<u>22.1</u>
Subtotal	<u>\$221.8</u>
Fuel	<u>\$ 12.9</u>
TOTAL	<u><u>\$234.7</u></u>

Notes:

- (1) Includes Construction Management.
(2) Includes Administrative & General and Owner Furnished Equipment/Material.

WNP-1
CASH FLOW
5/82 - 9/83
(\$ in Millions)

	<u>Prepurchased Equipment/Material</u>	<u>Architect- Engineer</u>	<u>Construction</u> ⁽¹⁾	<u>Owners</u> ⁽²⁾	<u>Fuel</u>	<u>Total</u>
5/82	\$ 1.8	\$ 4.7	\$ 36.5	\$ 3.6	\$.1	\$ 46.7
6/82	1.5	3.0	18.7	2.0	12.6	37.8
7/82	1.5	1.5	13.5	1.1	-	17.6
8/82	1.4	1.1	11.4	1.1	-	15.0
9/82	1.3	1.0	6.5	1.1	-	9.9
10/82	1.3	.4	6.5	1.1	-	9.3
11/82	1.2	.4	6.5	1.1	-	9.2
12/82	1.2	.4	6.0	1.1	.2	8.9
1/83	1.2	.4	12.7	1.1	-	15.4
2/83	1.1	.4	11.7	1.1	-	14.3
3/83	1.1	.4	6.7	1.1	-	9.3
4/83	1.1	.4	6.6	1.1	-	9.2
5/83	1.4	.4	5.6	1.1	-	8.5
6/83	1.9	.4	5.6	1.1	-	9.0
7/83	2.3	.4	1.6	1.1	-	5.4
8/83	1.5	.4	1.6	1.1	-	4.6
9/83	1.5	.4	1.6	1.1	-	4.6
TOTAL	<u>\$24.3</u>	<u>\$16.1</u>	<u>\$159.3</u>	<u>\$22.1</u>	<u>\$12.9</u>	<u>\$234.7</u>

Notes:

(1) Includes Construction Management.

(2) Includes Administrative & General and Owner Furnished Equipment/Material.

RESOURCE BUDGET INSTRUCTIONS

The Resource Budget will be modified to reflect the revised criteria relating to WNP-1 and the reduction in force. The general process remains as before, but some special instructions will assist in submitting data.

- Planning for WNP-1 will be extended through planned commercial operation. To assist Corporate Budgets in preparation of the estimate-at-completion, it is necessary to budget for direct cost to WNP-1 (WBS Codes 1xxxxx) through FY-92. Corporate Programs and the remaining Projects only need to budget through FY-88. Revised input forms will be available from the budget coordinators.
- The Owner's Controlled (Account 3xx), HGP and Corporate Resource data files have been merged into one file labeled as the "83" file. Future reports will reflect all Resource Budget data.
- Organization Overhead is applied at the Director level. Percentages are calculated at each level for informational purposes. Data to be coded to the Overhead WBS (X00000) is labor and other cost providing general organizational support. This includes:
 - Directors and their secretaries.
 - Division Managers and their secretaries.
 - General office supplies, materials and equipment.
 - General staff development, but not classes or training specific to a work function.
 - Interview and relocation.
 - Department Managers and their secretaries can be coded to the Overhead WBS or a Direct WBS code depending on work functions.
- Corporate Programs (WBS 3xxxxx) are of a generic nature and support the Company in general. Tasks relating to Projects are to be coded directly to each affected Project on a shared basis. No Project direct work is to be coded as a Corporate Program.
- Work Definition forms are to be updated and communicated to the referenced contacts reflecting the revised scope of work and labor units. The cost data can be entered after the budget is processed.
- Organization codes used in budgeting reflect those to be in effect as of July 1982.
- Budget contacts for organizations are as follows:

WNP-1	-	Gary Oldright
WNP-2	-	Gary Oldright
WNP-3	-	Gary Oldright
Technology	-	Craig Walton
Generation	-	Craig Walton
Chief Financial Office	-	Gaylon Gallup
Safety and Security	-	Craig Walton
Quality Assurance	-	Gaylon Gallup
Auditing	-	Gaylon Gallup
Legal	-	Gaylon Gallup
Administration	-	Gaylon Gallup
All Others	-	Gary Oldright

JUNE 29, 1982

APPENDIX D

PLANNED ACTIONS

WNP-1 DELAY PLAN					For 6/25/82 Meeting	
Item	Responsibility	PERSONNEL ACTIONS		Current Forecast Date	Remarks	Status
		Original Required Date				
* 1. Provide resource loaded manpower plan to Program Director	Each Senior Staff member	4/21/82(noon)			Manpower plans approved by Program Director, 4/29/82	Complete
2. Implement approved manpower plans	Each Senior Staff member	Continuing				Open
3. Place maximum number of WNP-1 Supply System personnel in assignments within other Supply System organizations	RW Root					
* 4. Coordinate RIF actions with Corporate personnel staff and obtain Corporate RIF policy	RF Lewis	4/30/82	5/21/82		All personnel transfers must be approved by Acting PD	Complete
5. Provide list of employees requiring placement to the Program Director	All managers	4/30/82			Earlier "completion date" of 4/30/82 has been extended; Corporate RIF policy not fully developed at that time.	Complete

* Requires Program Director approval

CONSTRUCTION-RELATED ITEMS (INCLUDES SECURITY AND SAFETY)					
Item	Responsibility	Original Required Date	Current Forecast Date	Remarks	Status
* 1. Implement a lay-up plan for all designated equipment, material and structures/systems on site. Assure development of NSSS and Turbine-Generator lay-up requirements.	FC Hood	6/30/82 (initial implementation)	7/01/82	<ul style="list-style-type: none"> • UE&C contact is Taylor. BPC Open contact is Horn. • This plan to implement layup requirements developed by CB Organ in assigned action item under "Engineering Actions." 	6/25/82
* 2. Prepare security plan for site	FC Hood	5/31/82		<ul style="list-style-type: none"> • Close all gates except one near Operations. • Input from Vorheis due 5/1/82. • Plan to be revisited on basis of restart. 	Complete
* 3. Prepare safety program for site (to include fire protection plan)	FC Hood	5/31/82	6/09/82		
* 4. Prepare and implement status verification program	FC Hood	5/31/82	6/11/82	<ul style="list-style-type: none"> • Bechtel contact is Horn. • Verification is required for terminated contracts. • Define project control system requirements (e.g., RMS-2 evaluation) 	Complete as of 6/11/82. Documentation needed for final closeout.
5. Prepare and implement a plan to clean up site (exclusive of permanent plant structures and laydown areas)	RF Lewis	5/31/82	6/21/82	<ul style="list-style-type: none"> • Bechtel contact is Horn. Tilley working this for Supply System. 	Complete. Documentation needed for final closeout.
6. Prepare and implement plan for cleanup of permanent plant structures and laydown areas	FC Hood	5/31/82		<ul style="list-style-type: none"> • Bechtel contact is Horn. 	Closed as a Construction Action Item. Reassigned to Operations.
7. Receive and review Bechtel recommendations on all construction contracts	FC Hood	4/23/82	6/30/82	<ul style="list-style-type: none"> • Bechtel contact is Horn. • Initial input received and previously closed. Now being reopened so that WNP-4 actions can be incorporated. 	Actions are complete. Documentation of formal closeout is required.

CONSTRUCTION-RELATED ITEMS (INCLUDES SECURITY AND SAFETY) - Continued

Item	Responsibility	Original Required Date	Current Forecast Date	Remarks	Status
* 8. Identify all construction work to be completed	FC Hood	4/30/82			6/25/82
8a. Develop overall plan for Structural Integrity Test	CB Organ	6/15/82		• UE&C contact is Iverson. Bechtel contact is Horn. Included in Bechtel slow-down plan.	Complete
8b. Assure implementation of plan for Structural Integrity Test	FC Hood	TBD			Open
9. Implement system layup plan	FC Hood	5/15/82	Continuing	• Test tentatively scheduled for 12/6/82.	Open
9a. Confirm to Bechtel which, if any, NSSS CNCR's, MWO's, etc. which have been dispositioned by UE&C require implementing closeout actions at this time	FC Hood	6/11/82		• UE&C contact is Edmondson. Bechtel contact is Horn. • Plan to be implemented to be that developed by CB Organ under Item 7 of "Engineering Items."	Closed. See Item 1 in this section.
10. Close out all open as of 4/30/82 correspondence to Bechtel	FC Hood	5/31/82	Continuing	• Reference document is a 3-page "Status on NSSS" report prepared by Bechtel as of 5/13/82. • At the rampdown meeting on 6/9/82, FC Hood advised that at present, none of the dispositioned documents referred to required implementation at this time. He will advise if and when any of them do require implementation.	Closed. Needs documentation for formal closeout.
11. Identify and make arrangements for retaining contractor non-manual personnel needed for documentation assembly, and other key activities	FC Hood		Continuing	• List compiled and being worked.	Open
*12. Prepare construction restart program recommendations	FC Hood	6/01/82	6/30/82	• BPC contact is Horn. Bechtel performing this function, with FCH overview.	Action is complete. Documentation for formal closeout is required.

CONSTRUCTION-RELATED ITEMS (INCLUDES SECURITY AND SAFETY) - Continued

6/25/82

<u>Item</u>	<u>Responsibility</u>	<u>Original Required Date</u>	<u>Current Forecast Date</u>	<u>Remarks</u>	<u>Status</u>
*13. Establish EFSEC interface plan during delay period	FC Hood	5/15/82	6/30/82	<ul style="list-style-type: none"> ● RW Root met with EFSEC. ● Interim report submitted. Final report required. 	
14. Consolidate, verify, and provide inventory of all Owner and contractor purchased equipment and material to be installed in plant and all other Owner and contractor purchased tools, equipment and material. Include all allocation between WNP-1 and WNP-4. Dollar limitation on small tools to be \$250 or dollar amount stated in existing contractor procedures.	FC Hood	9/30/82	TBD	<ul style="list-style-type: none"> ● At the 5/26/82 meeting, the understanding was reached that Bechtel would provide to the APD-C recommendations regarding allocations between WNP-1 and WNP-4 on costs of material and construction equipment. ● As part of its inventory process, Bechtel is to identify locations of various materials by use of floor plans of various building elevations. For small tools, Bechtel will use statistical sampling technique with a 90% confidence level. ● FC Hood conducted meeting with Bechtel on this issue on 6/14/82. Bechtel to provide action summary to him by 6/30/82. 	1
15. Update automated property management system to reflect status of all components installed or to be installed	FC Hood	10/31/82			
16. Prepare and implement Property Management program for site	FC Hood	7/07/82		<ul style="list-style-type: none"> ● Program to be consistent with discussions at Program Director's Review with DOP on 6/22/82. 	
17. Resolve issue of Bechtel's materials management role, and roles of Local 77 and of crafts in materials management.	FC Hood	6/30/82		<ul style="list-style-type: none"> ● Coordination with RF Mazurkiewicz 	

CONSTRUCTION-RELATED ITEMS (INCLUDES SECURITY AND SAFETY) - Continued					
Item	Responsibility	Original		Current	
		Required Date	7/12/82	Forecast Date	Remarks
18. Develop and implement an acceptable construction scheduling system restart	FC Hood				
					6/25/82
					Status

ENGINEERING ACTIONS				6/25/82	
Item	Responsibility	Original Required Date	Current Forecast Date	Remarks	Status
* 1. Review all contractor engineering efforts, FC Hood and rampdown effort as appropriate	FC Hood	5/31/82	6/09/82	• UE&C contact is Iverson. Bechtel contact is Horn.	Complete. Documentation for final closeout is in approval cycle.
* 2. Prepare and implement design verification program	CB Organ	5/31/82	6/30/82	• UE&C contact is Iverson. • Continue with ARS. Verification of installed loads required. • Criteria for monitoring of building settlements and well water levels contained in UEWP-82-258, dated 5/20/82.	Complete
* 3. Provide recommendations on HSP and SCI-4 panels	CB Organ	5/15/82	Ongoing	• Recommendations in draft form 5/14/82.	Complete
4. Close out all open (as of 4/30/82) correspondence to UE&C	CH Michael	5/31/82		• Closeout plan is in place. Followup to close out individual items is continuing.	
* 5. Prepare engineering restart program recommendations	CB Organ	6/15/82			
* 6. Prepare engineering rampdown and delay objectives	CB Organ	5/15/82			
6a. Obtain from UE&C the rampdown planning documents required by RW Root letter of 5/12 (see item 6 above)	CB Organ	6/30/82			
* 7. Define technical layout requirements	CB Organ	5/15/82	6/30/82	• See RW Root ltr., subject "WNP-1 Slowdown Eng. Assumptions & Objectives," dated 5/12/82.	Complete
8. Establish plan for maintenance audits on structures and systems to insure that design requirements are not being compromised	CB Organ	Continuing	7/15/82		

<u>Item</u>	<u>Responsibility</u>	<u>Original Required Date</u>	<u>Current Forecast Date</u>	<u>Remarks</u>	<u>Status</u>
9. Establish comprehensive procedure for handling of design drawings on hold, and for boxing up design information (including backup data)	CB Organ	5/31/82	6/18/82	• This action not required in light of current restart planning.	Closed
10. Provide engineering schedule during construction delay	CB Organ	6/30/82			
10a. Issue level 1 engineering schedules	CB Organ	7/01/82		• First cut on schedule to be accomplished by 6/1/82	
11. Provide conclusions and recommendations regarding (a) present capability of DCS to satisfy its basic charter (i.e., provide design baseline), (b) additional capability of providing all design related info needed to close out contracts (e.g., feasibility of adding historical data), and (c) necessity for DCS to contain historical data to satisfy quality or design verification requirements.	CB Organ	6/15/82		• Coordination with FC Hood • See Bechtel Action Item B39.	

Item	Responsibility	LICENSING ACTIONS (INCLUDES ASME-RELATED ACTIONS)		Remarks	Status
		Original Required Date	Current Forecast Date		
1. Resolve three ASME Div. 2 code cases	CB Organ/ CR Edwards	6/30/82			6/25/82
2. Contact NRC regarding docketing of FSAR	RW Root	4/23/82		UE&C contact is Martin. Action by ASME Committee is expected by 6/30/82.	Complete
* 3. Develop and implement action plan identifying all requirements to insure licensability of plant	AG Hosler	5/30/82		UE&C contact is Valentyeni.	Complete
* 4. Develop and implement plan to accomplish all actions required to maintain an N-certificate	CB Organ	5/15/82		UE&C contact is Martin. Bechtel contact is Fallon.	Complete
4a. Develop revised N-Certificate plan based on restart guidelines	CB Organ	6/11/82			Plan rewritten and submitted for approval.
5. Prepare and submit drift suspension plan for review	RW Root	5/31/82	6/24/82		Plan completed. Trans- mittal letter to NRC in concurrence cycle.

OPERATIONS/TEST & STARTUP ACTIONS

6/25/82

Item	Responsibility	Original Required Date	Current Forecast Date	Remarks
* 1. Prepare restart package in Operations and T&SU area	RF Mazurkiewicz	7/31/82		
* 2. Prepare and implement PM/CM program	RF Mazurkiewicz	5/31/82		
* 3. Prepare and implement facilities maintenance program during rampdown period	RF Mazurkiewicz	5/15/82	6/30/82	
3a. Resolve issue of acquisition of AWSH temporary and non-temporary facilities	RF Mazurkiewicz	6/15/82		
* 4. Prepare long range facilities maintenance program	RF Mazurkiewicz	10/01/82		

Status

- Bechtel contact is VanFleet. Define PM requirements by appropriate areas, to include civil, mechanical, electrical, NSSS, turbine, River Water House, temporary utilities, communications.
- PM/CM program is in place under Bechtel supervision. Supply System to assume PM/CM responsibility effective 7/1/82 for WNP-1. PSP 16.1 has been approved.
- UE&C contact is Cole. Bechtel contact is Horn.
- Implementation to require approximately 6 months.
- Consideration being given to employing Northwest as contractor.
- This function assigned to RF Mazurkiewicz effective 6/7/82.
- Item moved to Property Control/Facilities section.
- Tilley to work this for RFM

CONTROLLER AND COST-RELATED ACTIONS

Item	Responsibility	Original Required Date	Current Forecast Date	Remarks	Status
1. Verify cost allocation between WNP-1 and WNP-4 from inventory as provided by FC Hood under Action Item 14, page 4	DR Cseh	6/30/82			6/25/82
* 2. Prepare FY83 budget as baseline budget	DR Cseh		In accordance with contract closeout schedule	• Completion date contingent upon schedule established for Bechtel's providing inventory input.	
* 3. Project cash flow projections through 9/30/83	DR Cseh	6/30/82			
* 4. Establish plan for shutdown of appropriate ADP systems used at site	DR Cseh	5/31/82	6/09/82		
5. Provide recommendations for shutdown or continued use of all ADP systems used at site	DR Cseh	5/07/82		• Cash flow projections prepared and disseminated at "Rampdown" meeting on 6/23/82.	Complete
		9/05/82	6/30/82		Complete
* 6. Establish cost sharing guidelines for use at the site as required (e.g., on change orders)	DR Cseh	4/30/82		• Completion date moved forward to minimize ADP costs. • Recommendations being routed for concurrences as of 6/24/82, prior to forwarding for P.D. final approval.	
* 7. Prepare CIS restart program recommendations	DR Cseh	7/15/82			Complete
8. Establish and implement plan to cut off costs for operational spares	RF Mazurkiewicz	5/10/82			
* 9. Formalize plan for WNP-1 and WNP-2 cost sharing	DR Cseh	5/10/82	5/31/82	• Work orders in pipeline were cancelled. • Ferguson letter of 6/3/82 prescribes criteria- we will continue to share costs equally with WNP-2.	Complete
9a. Formalize and implement revised cost sharing agreement for WNP-1 and WNP-4	DR Cseh	7/15/82		• Major effort required by Bechtel to adjust contracts in accordance with Mod 1 and Mod 2 of Cost Sharing Guidelines.	Complete

CONTROLLER AND COST-RELATED ACTIONS - Continued

Item	Responsibility	Original Required Date	Current Forecast Date	Remarks	Status
10. Terminate WNP-4 non-manual charges to WNP-1	RW Root	5/10/82			6/25/82
10a. Make necessary adjustments to charges previously made	DR Cseh	6/30/82			Complete
11. Establish and implement a plan to cut off all job shoppers chargeable to WNP-1	All affected Senior Staff members	5/10/82			
11a. Identify, and justify, any existing job shoppers, consultants or service contractors that are still chargeable to WNP-1	CB Organ(UE&C) FC Hood(Bechtel and all contractors)	6/01/82	6/09/82	<ul style="list-style-type: none"> Plans developed by 5/14/82. Complete. Some job shoppers still on board as of 5/14/82. Subcontractors/consultants retained by UE&C are: SAI- neutron shielding; modeling for sump; Superstrut lab tests; lab test of structural members Coordination will be effected with FC Hood. This action required to respond to RL Ferguson memo of June 8, 1982. 	Complete
11b. Review all sub-contracts awarded by construction contractors and provide report, with justification, on any that are not closed out.	JA O'Donnell	6/18/82			
11c. Identify, and prepare justification for all job shoppers, consultants and service contractors needed on site after July 8, 1982	JA O'Donnell	6/25/82			
*12. Establish and implement plan to cut off all service contracts (e.g., with Olympic Engineering, geologists, etc.)	All affected Senior Staff members	5/10/82			Complete
*13. Take action to cut off costs associated with Power Generation-In Service Inspection Par Tool	RF Mazurkiewicz	5/10/82			Complete
*14. Review the question of shutting off simulator costs, and make recommendation	RF Mazurkiewicz	5/10/82			Complete

CONTROLLER AND COST -RELATED ACTIONS - Continued

6/25/82

<u>Item</u>	<u>Responsibility</u>	<u>Original Required Date</u>	<u>Current Forecast Date</u>	<u>Remarks</u>	<u>Status</u>
15. Send formal memo to Jerry Read requesting a detailed listing of Owner's Construction Commitments	DR Cseh	5/07/82			Complete
*16. Take action to cut off all possible costs on all appropriate Owner's Construction activities, e.g., ASHE sub-station, sewage lagoon, rifle range, DOE charges, "near site" power service, construction power	DR Cseh	5/10/82	6/30/82	• Action complete based on Ferguson IOM regarding our sharing costs with WNP-2, plus work order system now in place (see Action Item 18 below).	Complete. Documentation needed for formal close out.
17. Prepare memo to Corporate regarding their submittal of work orders, for Program Director approval, covering all Corporate direct and indirect charges to WNP-1	DR Cseh	5/04/82			Complete
18. Set up work order system to control all charges applicable to WNP-1	DR Cseh	5/10/82			Complete

Item	Responsibility	QA ACTIONS		Remarks	Status
		Original Required Date	Current Forecast Date		
1. Notify NRC of slowdown decisions and plans	RW Root	4/23/82			6/25/82
2. Close out 50.55(e)'s, 10CFR 21's, open items and CAR's	CR Edwards	TBD			
2a. Status open NRC inspection and 50.55(e) items to facilitate restart.	CR Edwards	9/30/82			
3. Perform surveillances of Bechtel's and UE&C's QA Records review and status activities to ensure adequacy and acceptability for Quality Class I, II & G Augmented contractors for WNP-1/4	CR Edwards	Ongoing		<ul style="list-style-type: none"> • UE&C contact is Haren. Bechtel contact is Gate-wood. • Plan is to close out all of these actions that we can, status the rest, and then advise NRC. 	<ul style="list-style-type: none"> • Semi-complete • Copy of suspension plan yet to be provided to NRC week ending 06/25/82.
4. Conduct audits of Bechtel, UE&C and Supply CR Edwards System at appropriate frequency to comply with PSAR, QAR and ASME "N" Certificate requirements		Ongoing			
* 5. Closeout of NRC SALP items	CR Edwards	5/17/82		<ul style="list-style-type: none"> • Plan is for audits to be conducted by Corporate QA 	
6. Closeout of Audit and Non-audit QFRs	CR Edwards	11/31/82		<ul style="list-style-type: none"> • Was completed as of Program Director's forwarding of our "Analysis of SALP" memo to RB Glasscock on 6/2/82. 	• Complete
7. Closeout of Surveillance Reports	CR Edwards	11/31/82		<ul style="list-style-type: none"> • 25-30 QFRs to be closed. 	
8. Develop and implement a Supply System Receiving Inspection Program; also program for storage and handling of equipment and material	CR Edwards	6/1/82	6/25/82	<ul style="list-style-type: none"> • Bechtel working these. • Depending on final decisions regarding Bechtel role, this action item may go away. 	

QA ACTIONS - Continued

<u>Item</u>	<u>Responsibility</u>	<u>Original Required Date</u>	<u>Current Forecast Date</u>	<u>Remarks</u>	<u>Status</u>
9. Perform qualification surveys of site contractors as necessary, to qualify them as ASME material suppliers	CR Edwards	5/17/82			6/25/82
10. Perform receiving inspection for equipment and material received from site contractors and prepurchased contracts	CR Edwards	Ongoing		<ul style="list-style-type: none"> • Surveys applicable to JAJ and JCI. Surveys completed 5/14/82. Write-ups to follow promptly. 	Complete
11. Conduct assessment of documentation compilation and statusing.	CR Edwards	9/15/82		<ul style="list-style-type: none"> • Depending on final decisions regarding Bechtel role, this action item may go away. 	

COMMERCIAL ACTIONS					6/25/82	
Item	Responsibility	Original Required Date	Current Forecast Date	Remarks	Status	
* 1. Review and take appropriate action on all rentals/leases and consultant contracts	J. A. O'Donnell	5/31/82		• UE&C contact is Cole. Bechtel contact is VanFleet.	• Actions completed. Officially documented closeout remains.	
* 2. Review and take appropriate action on all insurance applicable to site	J. A. O'Donnell	5/31/82	6/30/82	• UE&C contact is Phare. Bechtel contact is Shaw.	• Complete	
* 3. Provide guidance relative to warranties on all applicable items at site	J. A. O'Donnell	6/30/82		• DeLuca tasked to develop schedule for resolution of insurance issues.		
* 4. Conduct review of all prepurchased contracts and provide plan of action for each (e.g., suspension, termination or other action)	J. A. O'Donnell	6/30/82		• UE&C contact is Collins. Bechtel contact is Shaw.	• Action completed. Officially documented closeout remains	
4a. Establish schedule for closeout, termination or suspension of all construction and Supply System contracts	J. A. O'Donnell	6/16/82		• UE&C contact is Collins. Bechtel contact is Shaw.		
* 5. Arrange a meeting with B&W to negotiate out of the B&W contract as much of the "schedule acceleration" funds as possible	J. A. O'Donnell	ASAP		• Schedule must allow for closeout of WNP-1 and WNP-4 contracts simultaneously.		
5a. Complete negotiations with B&W based upon decisions made at meeting with B&W referred to in Item 5 above.	J. A. O'Donnell	6/30/82		• B&W will arrive 5/26/82. Reg. 1.89 slowed down.	Complete	
6. Prepare plan for closeout of expediting function	MC Carrigan	4/30/82		• UE&C contact is Taylor.	Complete	
* 7. Review and provide recommendations on UE&C and Bechtel contracts	J. A. O'Donnell	5/15/82	6/15/82	• Communications with UE&C and Bechtel are underway.		
* 8. Prepare commercial restart program recommendations	J. A. O'Donnell	7/1/82				

DOCUMENTATION ACTIONS					
Item	Responsibility	Original Required Date	Current Forecast Date	Remarks	6/25/82
					Status
* 1. Define all documentation requirements	CB Organ FC Hood CM Michael (has coordination responsibility)	5/15/82	6/18/82	<ul style="list-style-type: none"> Bechtel contact is Harding. UE&C contact is McCaleb. Supply System plan prepared. Out for concurrence by FCH and CBO, which was accomplished 6/18/82. 	
* 2. Review, approve and implement Bechtel's documentation plan	FC Hood CM Michael	5/31/82	6/30/82	<ul style="list-style-type: none"> Bechtel contact is Harding. 	<ul style="list-style-type: none"> Complete. Documentation needed for final closeout.
* 3. Review, approve and implement UE&C's documentation plan	CB Organ CM Michael	5/31/82	6/16/82	<ul style="list-style-type: none"> UE&C contact is McCaleb 	
* 4. Review, approve and implement a site quality documentation program	CR Edwards	5/31/82			
* 5. Prepare and implement Supply System's documentation plan	CM Michael	5/31/82	6/11/82	<ul style="list-style-type: none"> Complete 5/14/82, except for review and approval by Program Director 	Closed. No separate site QA documentation program is required.
* 6. Prepare documentation restart program recommendations	CM Michael	6/30/82			

PROPERTY CONTROL/FACILITIES ACTIONS

6/25/82

<u>Item</u>	<u>Responsibility</u>	<u>Original Required Date</u>	<u>Current Forecast Date</u>	<u>Remarks</u>	<u>Status</u>
* 1. Prepare and implement plan for property control, to include warehousing plan	FC Hood(Bechtel)	5/31/82	7/01/82	<ul style="list-style-type: none"> Bechtel contact is VanFleet Preparation of this plan will be influenced by implementation of DR Cseh's plan for reconciling WNP-1 and WNP-4 equipment (see Item 1, page 8). 	Closed out. Superseded by item 13a under "Construction-related items".
* 2. Prepare and implement vehicle consolidation/disposal plan	RF Mazurkiewicz	5/31/82	6/30/82	<ul style="list-style-type: none"> UE&C contact is Cole.Bechtel contact is VanFleet. Implementation will require approximately 3 months. Function assigned to Operations 6/7/82. 	
* 3. Prepare and implement trailer consolidation/disposal plan	RF Mazurkiewicz	5/31/82	6/30/82	<ul style="list-style-type: none"> Consideration to be given to WNP-4 interests. Implementation will require approximately 3 months. Function assigned to Operations 6/7/82. 	
* 4. Prepare and implement office equipment utilization/disposal plan	RF Mazurkiewicz	5/31/82	6/30/82	<ul style="list-style-type: none"> Consideration to be given to WNP-4 interests. UE&C contact is Cole.Bechtel contact is VanFleet. Implementation will require approximately 3 months. Function assigned to Operations 6/7/82. 	
* 5. Prepare and implement utilities consolidation/reduction plan (to include communications)	RF Mazurkiewicz	5/31/82	6/30/82	<ul style="list-style-type: none"> Consideration to be given to WNP-4 interests. Bechtel contact is Horn. Implementation will be on-going. Function assigned to Operations 6/7/82. Consideration to be given to WNP-4 interests. 	

6/25/82

PROPERTY CONTROL/FACILITIES ACTIONS

<u>Item</u>	<u>Responsibility</u>	<u>Original Required Date</u>	<u>Current Forecast Date</u>	<u>Remarks</u>	<u>Status</u>
6. Prepare and implement a plan to clean up site (exclusive of permanent plant structures and laydown areas)	RF Mazurkiewicz	5/31/82	6/21/82	• Bechtel contact is Horn. Tilley working this for Supply System.	
7. Resolve issue of acquisition of AWSH temporary and non-temporary facilities	JA O'Donnell	6/15/82		• Coordination with Bob Shaw of Bechtel	

Item	Responsibility	GENERAL ACTIONS	Original Required Date	Current Forecast Date	Remarks	6/25/82	Status
1. Arrange for onsite visit from representative of a plant which has been shut down and then restarted under conditions similar to those at WNP-1	RW Root	ASAP	10/31/82		Visit made to TVA on 5/5 and 5/6 by Carrigan, Hood and Porter.		Complete
* 2. Complete preparation of Restart Manual	MC Carrigan						
3. Advise Glasscock of site organizational changes prior to their implementation	RW Root	As required					Closed. Restart manual not required under present Extended Construction Delay Concept.
4. Close out in an appropriate manner all items open as of 5/1/82 with Corporate staff members and outside agencies	All Senior Staff members	5/30/82					
5. Provide conclusions and recommendations regarding (a) present capability of DCS to satisfy its basic charter (i.e., provide design baseline) and (b) additional capability of providing all design related info needed to close out contracts (e.g., feasibility of adding historical data).	FC Hood	6/15/82					
• In-house meeting held 6/3/82. Added Closed. See Item 1) action is to provide by 6/15/82 recommendations on DCS hardware to be utilized during the Extended Construction Delay. under "Engineering Actions"							

50-460

Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

July 8, 1982
G01-82-0421

United States
Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Attention: R. H. Engelken

Subject: NUCLEAR PROJECT NO. 1
CONSTRUCTION DELAY MANAGEMENT PLAN FOR WNP-1

Attached for your information is the Washington Public Power Supply System Construction Delay Management Plan for WNP-1. Please call me should you have any questions on this matter.

M. C. Carrigan
for D. W. Mazur
Acting Program Director, WNP-1 (821)

RWR/by

Attachment

cc: CR Bryant, BPA (399)

102 JUL 12 PM 12:50

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