

March 27, 1991

Docket Nos. 50-460, 50-397,
and 50-508

LICENSEE: Washington Public Power Supply System (WPPSS)
FACILITY: WPPSS Nuclear Unit No. 2 (WNP-2)
SUBJECT: MEETING SUMMARY - March 13, 1991 MEETING TO DISCUSS THE
STATUS OF WPPSS NUCLEAR PROJECTS 1, 2 AND 3

On March 13, 1991, members of the NRC staff met with representatives of WPPSS (the licensee) to discuss the status of WPPSS Nuclear Projects (WNP) 1, 2 and 3. A list of the attendees is provided in Enclosure 1. A copy of the handout materials provided by the licensee is provided in Enclosure 2.

The licensee began the meeting by presenting an overview of recent WNP-2 performance. Topics included summaries of the most recent SALP report and of current operating cycle activities. The licensee also expressed concern regarding the recent determination by both the NRC and the licensee that the operator requalification program at WNP-2 is unsatisfactory and stated that both root cause analyses and implementation of corrective actions were in progress.

Following a presentation of the licensee's performance improvement activities and their effects on the morale and general attitude of the plant staff, the licensee discussed the status of its submittal of improved technical specifications per the Technical Specification Improvement Program. The licensee stated that its submittal would be delayed pending resolution of comments on the proposed new standard technical specifications.

The licensee then discussed its intentions regarding WNP Units 1 and 3. The licensee plans to continue its program to reduce the uncertainty on licensing these units. The licensee outlined a program to assess what would need to be done and address some minor issues with a decision point to proceed or not with licensing issues in about two years.

The staff acknowledged the licensee's presentation.

Original Signed By:

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Environmental Project
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Original Signed By:

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DISTRIBUTION

<u>Docket Files</u>	NRC & LPDRs	JCaldwell
PJohnson, RV	CGrimes	WNP-2 SRI
JPartlow	FMiraglia	TMurley
DCrutchfield	BBoger	PBoehnert
WTravers	SWeiss	AAdams
PD5 r/f	OGC	EJordan
ACRS (10)	MMendonca	PEng

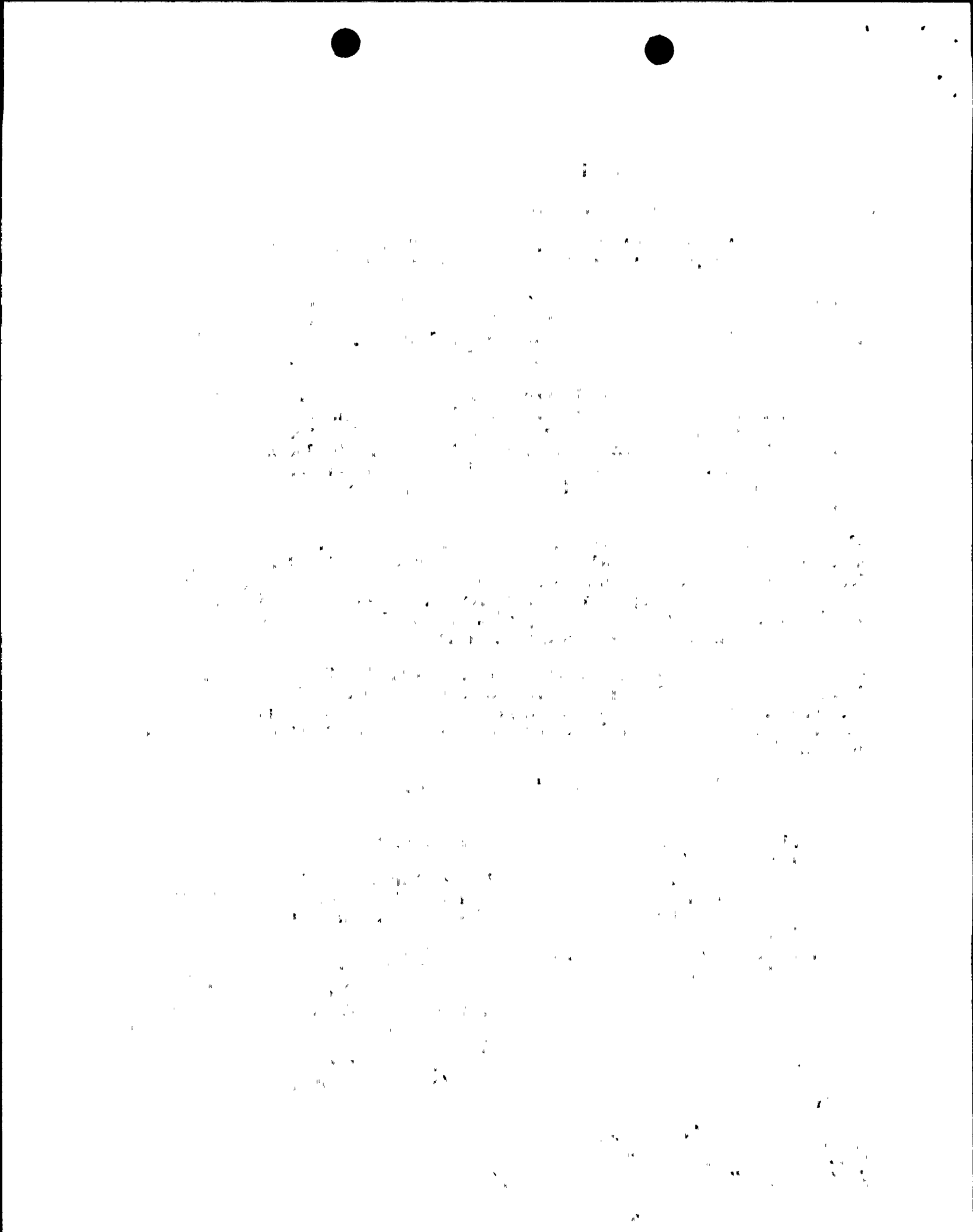
Enclosures:
As stated

cc: See next page

PM/PDV	PM/PDNP	ED/RDNP	PD/PDV
PL/eng	MMMendonca	SWeiss	JEDyer
3/25/91	3/25/91	3/25/91	3/27/91

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Memorandum



Washington Public Power Supply System

WPPSS Nuclear Project No. 2
(WNP-2)

cc:

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM (WPPSS)

MARCH 13, 1991

MEETING ATTENDEES

Nuclear Regulatory Commission

Dr. T.E. Murley, NRR
J.G. Partlow, NRR
P.A. Boehmert, ACRS
J.L. Caldwell, EDO
J.E. Dyer, NRR
P.L. Eng, NRR
M.M. Mendonca, NRR

Washington Public Power Supply System

Dr. G.D. Bouchey
G.C. Sorensen

AGENDA

- I. Introduction and Purpose of Meeting G. D. Bouchey
- II. WNP-2 Status G. D. Bouchey
 - 1990 SALP Report
 - Current Operating Cycle Performance
 - Operator Requalification Exams
- III. Performance Improvement Activities G. C. Sorensen
 - Total Quality Program
 - Strategic Planning
 - Licensing and Assurance Annual Report
- IV. Improved Technical Specifications G. D. Bouchey
- V. Status of WNP-1 and WNP-3 G. C. Sorensen
 - Preservation Program
 - Regional Power Plan
- VI. NRC Comments



1990 SALP

- "FOCUS, INSIGHT AND PERSEVERANCE OF LICENSEE MANAGEMENT AT BOTH CORPORATE AND PLANT LEVELS IS COMMENDED."
- "ACTIONS...PROVIDED IMPROVED PERFORMANCE IN THE PLANT OPERATIONS, ENGINEERING/TECHNICAL SUPPORT AND SAFETY ASSESSMENT/QUALITY VERIFICATION FUNCTIONAL AREAS..."
- "MANAGEMENT'S INVOLVEMENT IN THE SAFETY ASSESSMENT/QUALITY VERIFICATION AREA WAS STRONGLY EVIDENT."
- "PLANT TECHNICAL STAFF IS CONSIDERED TO BE VERY COMPETENT AND PROFESSIONAL, BUT...APPEAR TO BE IMPACTED BY A WORKLOAD WHICH INHIBITS THEM FROM TAKING A MORE PROACTIVE ROLE..."
- "SIGNIFICANT PROBLEMS WERE IDENTIFIED...INVOLVING PREVENTIVE MAINTENANCE PROGRAMS."
- "PROCEDURE QUALITY AND ADHERENCE IMPROVED...BUT ARE STILL AREAS OF WEAKNESSES."



RESULTS OF SALP BOARD ASSESSMENT

1990

<u>FUNCTIONAL AREA</u>	<u>RATING</u>
Plant Operations	1
Rad. Controls	2
Maint./Surveillance	2
Emergency Preparedness	2
Security	2 Improving
Engineering/Tech. Specs.	2 Improving
SA/QV	1



1990-91 OPERATING CYCLE

- **RESTART FROM ANNUAL REFUELING - August 4, 1990**
- **THREE UNPLANNED SHUTDOWNS**
 - **DEH HYDRAULIC SYSTEM LEAK - September 25 (5 days)**
 - **HPCS DRAINLINE CRACK - November 2 (6 days)**
 - **SWITCHYARD INSULATOR FAILURE - December 7 (2 days)**
- **SIGNIFICANT ACCOMPLISHMENTS**
 - **GREATEST SINGLE MONTH GENERATION 797,521 MW-HR - January 1991**
 - **97.9 PERCENT CAPACITY FACTOR - January 1991**
 - **INITIATED "MEGAWATT IMPROVEMENT" PROGRAM**
 - **COMPLETED REFINANCING OF HIGH INTEREST DEBT**
 - **\$143 MILLION SAVINGS FIRST QUARTER**
 - **TOTAL EXPECTED SAVINGS - \$939 MILLION**
- **ANNUAL REFUELING AND MAINTENANCE OUTAGE (RF-6)**
 - **SHUTDOWN SCHEDULED - April 13, 1991**
 - **SCHEDULED RESTART - June 3, 1991**
 - **MAJOR ACTIVITIES**

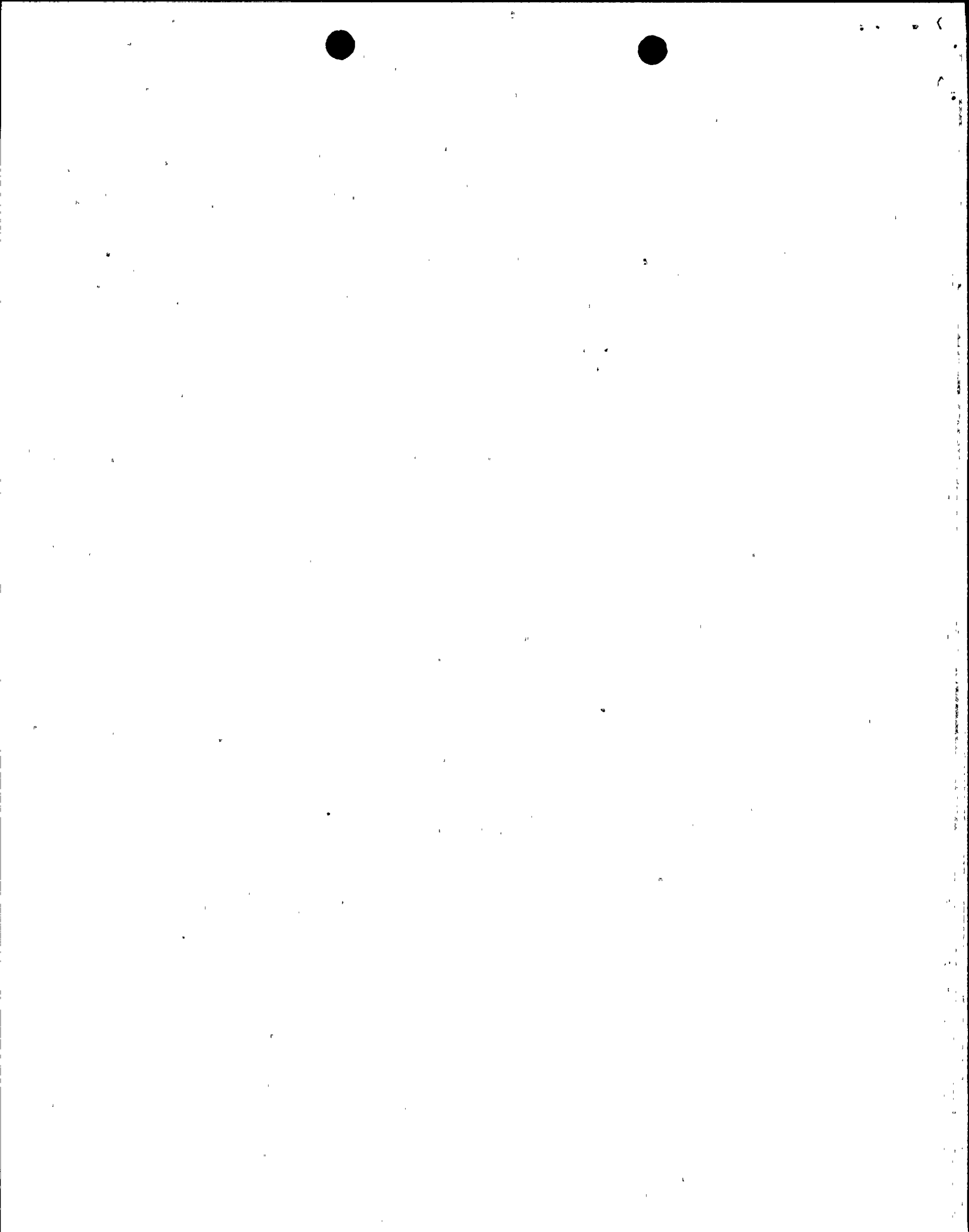


PERFORMANCE IMPROVEMENT

- **SUPPLY SYSTEM HAS MADE SIGNIFICANT IMPROVEMENT SINCE 1988 SALP REPORT.**

- **MAJOR FACTORS IN IMPROVEMENT**
 - **STRATEGIC PLANNING**
 - **TOTAL QUALITY PROGRAM**
 - **QUALITY ORGANIZATION FOCUS**

- **SHIFT IN CULTURE**
 - **PERSONNEL CHANGES**
 - **EMPLOYEE INVOLVEMENT**
 - **EMPHASIS ON CUSTOMER/SUPPLIER RELATIONSHIPS**
 - **DOING RIGHT THINGS RIGHT**



IMPROVED TECH SPECS

- **SIGNIFICANT SAFETY/OPERATING BENEFITS**
 - **ELIMINATES NON-ESSENTIAL MATERIAL**
 - **"USER FRIENDLY" FORMAT**
 - **WELL DOCUMENTED TECHNICAL BASES**

- **SUPPLY SYSTEM INVOLVEMENT**
 - **BWROG**
 - **INITIATED PLANT SPECIFIC EFFORT - MID 1989**
 - **~ \$500K INVESTED TO DATE**
 - **SCHEDULED SUBMITTAL MARCH 1991**

- **NUREG 1434**
 - **SIGNIFICANT DEPARTURES**
 - **REVIEW/COMMENT TIME TOO SHORT**

- **CURRENT STATUS**
 - **WORK HALTED**
 - **SUBMITTAL DATE UNCERTAIN**



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WNP-1 AND WNP-3

- **PRESERVATION PROGRAM CONTINUES**

- **INCLUDED IN NW POWER PLANNING COUNCIL RESOURCE STACK**
 - **FIRST TIME SINCE CONSTRUCTION HALTED**

 - **FOLLOW CONSERVATION, RENEWABLE RESOURCES**

- **LIMITED BUDGET FOR FY1992 (JULY 1991)**
 - **"LEAD TIME REDUCTION" ACTIVITIES**

