NOV 5 1982

Docket No.: 50-508

APPLICANT: Washington Public Power Supply System (WPPSS)

FACILITY: WPPSS Nuclear Project, Unit 3 (WNP-3)

SUBJECT: MEETING SUMMARY

At 9:00 am on October 27, 1982 applicant management representatives met with NRC management personnel in Bethesda, Maryland. The purpose of the meeting was to provide NRC management with an overview of the current status of the WNP-3 project and allow the participants an opportunity to identify items of interest that are likely to affect the conduct of the application review. A copy of the meeting notice and attendance roster are enclosed (Enclosure 1 and 2 respectively).

The meeting proceeded according to the agenda attached to the meeting notice. The applicant provided a handout with information related to the status of the WNP-3 project (Enclosure 3). During a discussion of systems interaction studies (agenda item for the Division of Safety Technology) the applicant agreed to provide the NRC with a list of all locations in the FSAR that reference a related systems interaction study.

The last agenda item was completed and the meeting adjourned at 10:00 am. After this meeting, applicant representatives remained available to meet with review branch personnel to pursue selected items of interest. Additional meetings were conducted as follows:

1. R. Jackson (Chief, Geosciences Branch) met with N. Kaufman, D. Lagrou and S. Prussman to discuss the requirements for ensuring a complete review of the Geosciences Branch areas of responsibility.

2. V. Moore (Chief, Human Factors Engineering Branch) and R. Froelich (HFEB engineer) met with N. Kaufman, D. Lagrou and S. Brussman to discuss the control room design review and other HFEB items of interest.

3. M. Fliegel Section Leader, Hydrologic Eggineering Section, Hydrologic and Geotechnical Engineering Branch) met with K. Cook to clarify NRC staff requirements related to recent requests for additional information.

4. G. Knighton (Chief, Licensing Branch No. 3) and L. Wheeler (Project Manager, WNP-3 OL review) met with R. Leddick, N. Kaufman, K. Cook and S. Prussman to exchange views on the general conduct of the OL review.

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

5. M. Licitra (NRC Project Manager for Palo Verde) met with K. Cook to discuss the current status of open items in the Palo Verde review (WNP-3 and Palo Verde are of the same basic design).

The meetings were completed and applicant representatives departed the NRC offices at 2:30 pm.

/s/

Louis L. Wheeler, Project Manager
Licensing Branch No. 3
Division of Licensing

Enclosures:
As stated

cc: See next page

OFFICE	DL:LB#3	DL:LB#3					
SURNAME	LWheeler/yt	GWRivenbark					
DATE	11/5/82	11/5/82					

Mr. R. L. Ferguson
Managing Director
Washington Public Power Supply System
P. O. Box 968
3000 George Washington Way
Richland, Washington 99352

cc: Nicholas S. Reynolds, Esq.
DeBevoise & Liberman
1200 Seventeenth St., NW
Washington, DC 20036

Richard Q. Quigley, Esq.
Washington Public Power Supply System
3000 George Washington Way
Richland, Washington 99352

Nicholas D. Lewis, Chairman
Energy Facility Site Evaluation Council
820 East Fifth Avenue
Olympia, Washington 98505

Mr. Kenneth W. Cook
Washington Public Power Supply System
P. O. Box 1223
Elma, Washington 98541

Resident Inspector/WPPSS 3/5
c/o U.S. Nuclear Regulatory Commission
P. O. Box 545
Elma, Washington 98541

Regional Administrator - Region V
U.S. Nuclear Regulatory Commission
1450 Maria Lane
Suite 210
Walnut Creek, California 94596

ENCLOSURE 1

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

~~OCT 8 1982~~ OCT 19 1982 CHANGE 1; OCT 19, 1982

Docket No.: 50-508

MEMORANDUM FOR: Janis Kerrigan, Acting Chief, Licensing Branch No. 3, DL

FROM: L. Wheeler, Project Manager, Licensing Branch No. 3, DL

SUBJECT: WNP-3 MANAGEMENT MEETING ON THE DOCKETED OL APPLICATION

DATE & TIME: October ~~19~~ 27, 1982
9:00 am - 10:00 am

LOCATION: Room P-110
Phillips Building
Bethesda, Maryland

PURPOSE: WNP-3 senior management presents a project overview to NRC senior management. NRC management discusses specific items of interest related to the OL review. ~~(Agenda to be issued prior to meeting).~~ AGENDA ENCLOSED.

PARTICIPANTS: NRC Staff

NRR Division Directors, R. Burnett, B. Grimes, L. Wheeler

WNP-3

R. Leddick, K. Cook, et. al.

L. Wheeler, Project Manager
Licensing Branch No. 3
Division of Licensing

cc: See next page

ENCLOSURE TO MEETING NOTICE

NRC - WNP 3 OL APPLICATION DOCKETING MEETING

Room P-110, Phillips Building
Bethesda, Maryland
October 27, 1982
9:00 AM - 10:00 AM

AGENDA

Introductory comments by the NRC	2 minutes
Presentation by WNP-3 management	35 minutes

* WNP-3 project overview
* Licensing considerations for the CESSAR-F standard design
* Documentation of conformance to the SRP

Brief exchange of views between NRC and WNP-3 regarding selected items of interest to NRC management	20 minutes

Division of Engineering

* Inde[illegible] Design Verification Program
* WNP-3 seismological review

Division of Systems Integration

* PORV considerations

Division of Safety Technology

* Plans for addressing USIs pertaining to WNP-3
* Any plans for a PRA and systems interaction study

Division of Human Factors Safety

* Schedule for providing information required by SRP Chapter 18
* FSAR Section 14 review

Closing comments by the NRC	3 minutes

3 Enclosures:
1. Roster of Attendees
2. OL Review Schedule
3. Introductory Comments

Enclosure 2

ATTENDENCE ROSTER

NRC

R. Vollmer, Director, Division of Engineering, NRR
H. Thompson, Director, Division of Human Factors Safety, NRR
S. Hanauer, Director, Division of Safety Technology, NRR
T. Novak, Assistant Director for Licensing, Division of Licensing, NRR
L. Rubenstein, Assistant Director for Core and Plant Systems, Division of Systems Integration, NRR
G. Knighton, Chief, Licensing Branch No. 3, DL
*R. Jackson, Chief, Geoscience Branch, DE
*V. Moore, Chief, Human Factors Engineering Branch, DHFS
*M. Fleigel, Section Leader, Hydrologic and Geotechnical Engineering Branch, DE
L. Wheeler, Project Manager, Licensing Branch No. 3, DL
*E. Licitra, Project Manager, Licensing Branch No. 3, DL
A. Vietti, Project Manager, Licensing Branch No. 3, DL
M. Gaitanis, Emergency Plan Reviewer, Emergency Preparedness Licensing Branch, DEP, IE
J. Stone, Section Chief, Reactor Construction Program Branch, DRP, IE
*R. Forelich, Engineer, Human Factors Engineering Branch, DHFS
E. Sullivan, Technical Assistant, Division of Engineering, NRR
D. Bucci, Staff Engineer, ACRS

Applicant

R. Leddick, Director, WNP-3 Program
A. Scherer, Director, Nuclear Licensing, Combustion Engineering (CE)
G. Sorensen, Manager, WPPSS Licensing Program
N. Kaufman, Manager, WNP-3 Completion Program
K. Cook, Manager, WNP-3 Licensing
G. Davis, Manager, Standard Plant Licensing, CE
D. Lagrou, Supervisor, Plant Systems Engineering, WPPSS
C. Brinkman, Manager, Washington Nuclear Operations, CE
M. McGarry, Esq, Counsel, Debevoise and Liberman
S. Prussman, Assistant Chief Engineer for Licensing, Ebasco
R. Caruso, Assistant Project Manager, CE
J. Ennaco, Nuclear Licensing Engineer, CE
J. Compas, Licensing Engineer, CE

*Attended follow-up meetings only.

BRIEFING FOR NRC:	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10-27-82 NAME: COOK

WNP-3

POST-DOCKET

NRC BRIEFING

10/27/82

ENCLOSURE 3

BRIEFING FOR NRC:	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: COOK

WNP-3 POST-DOCKET MANAGEMENT BRIEFING

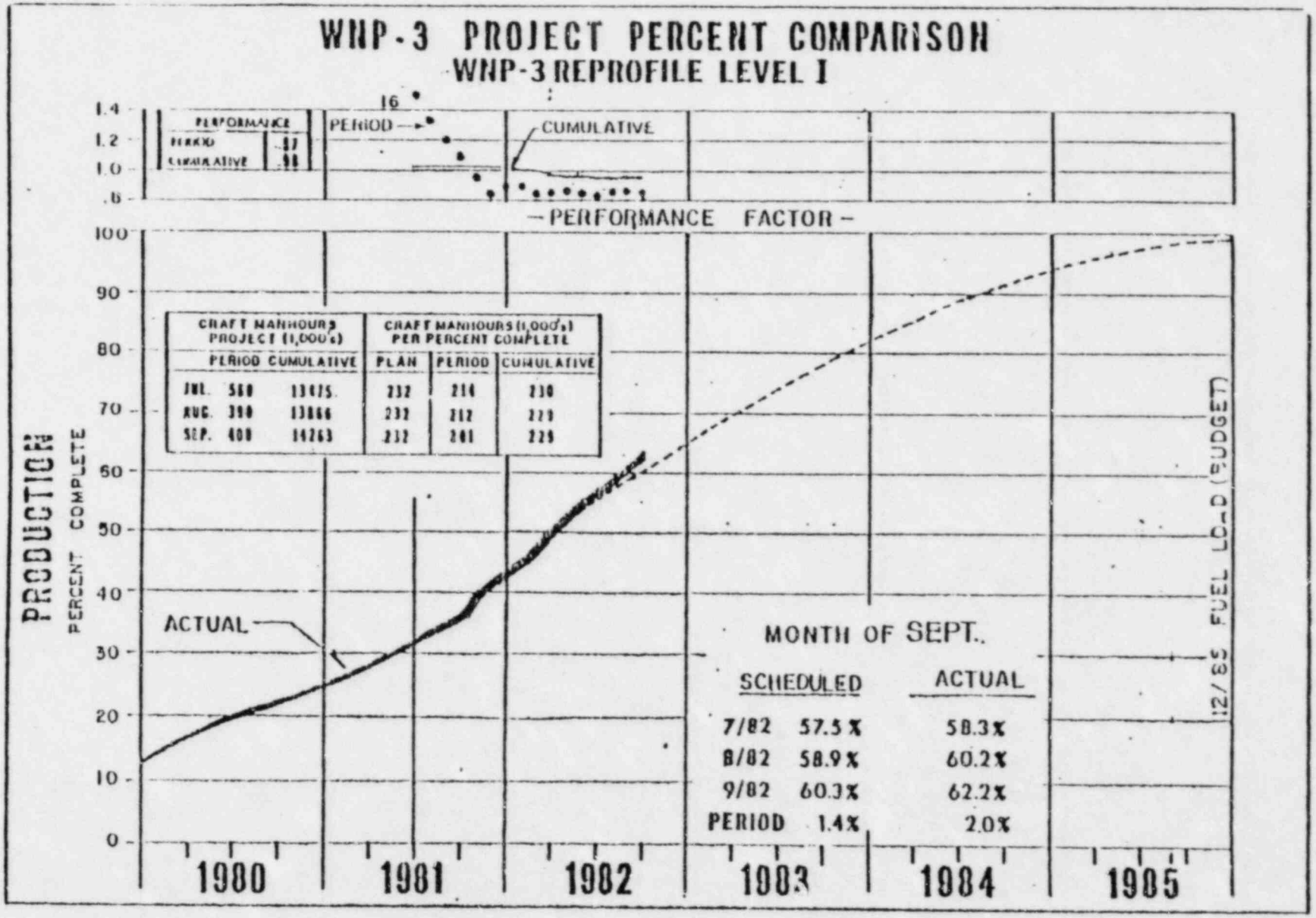
OCTOBER 27, 1982

INTRODUCTION	K. W. COOK	
o AGENDA		
PROGRAM OVERVIEW	R. S. LEDDICK	9:05 - 9:15
o CONSTRUCTION PROGRESS		
o POTENTIAL PROBLEM AREAS		
CESSAR-F	G. DAVIS	9:15 - 9:30
o STATUS OF CESSAR-F REVIEW		
o USE OF CESSAR-F SER		
o INTERFACE REQUIREMENTS		
o CE INPUT		
CONFORMANCE WITH STANDARD REVIEW PLANS	K. W. COOK	9:30 - 9:35
STAFF DISCUSSION	___	9:35 - 10:00

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: LEDDICK

PROGRAM OVERVIEW

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: LEDDICK



BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: LEDDICK

IMPROVEMENT ACTIONS - LAST TWO YEARS

MANAGEMENT

- o DE-INTEGRATE OWNER & CM
- o INCENTIVIZE AE/CM CONTRACT
- o STRENGTHEN MANAGEMENT
- o PROJECTIZE
- o ELIMINATE DECISION BACKLOG
- o SEEK NEW LEGISLATION

CONSTRUCTION

- o REALIGN CONSTRUCTION CONTRACTS
- o STABILIZE LABOR
- o BETTER CONTROL VENDORS
- o IMPROVE MATERIAL AVAILABILITY
- o CONSOLIDATED SCOPES

CONTROL

- o BOTTOMS UP BUDGET
- o IMPROVE AND INTEGRATE SCHEDULES
- o CAREFULLY MANAGE DISCRETIONARY CHANGES
- o TRACK COST FLOW

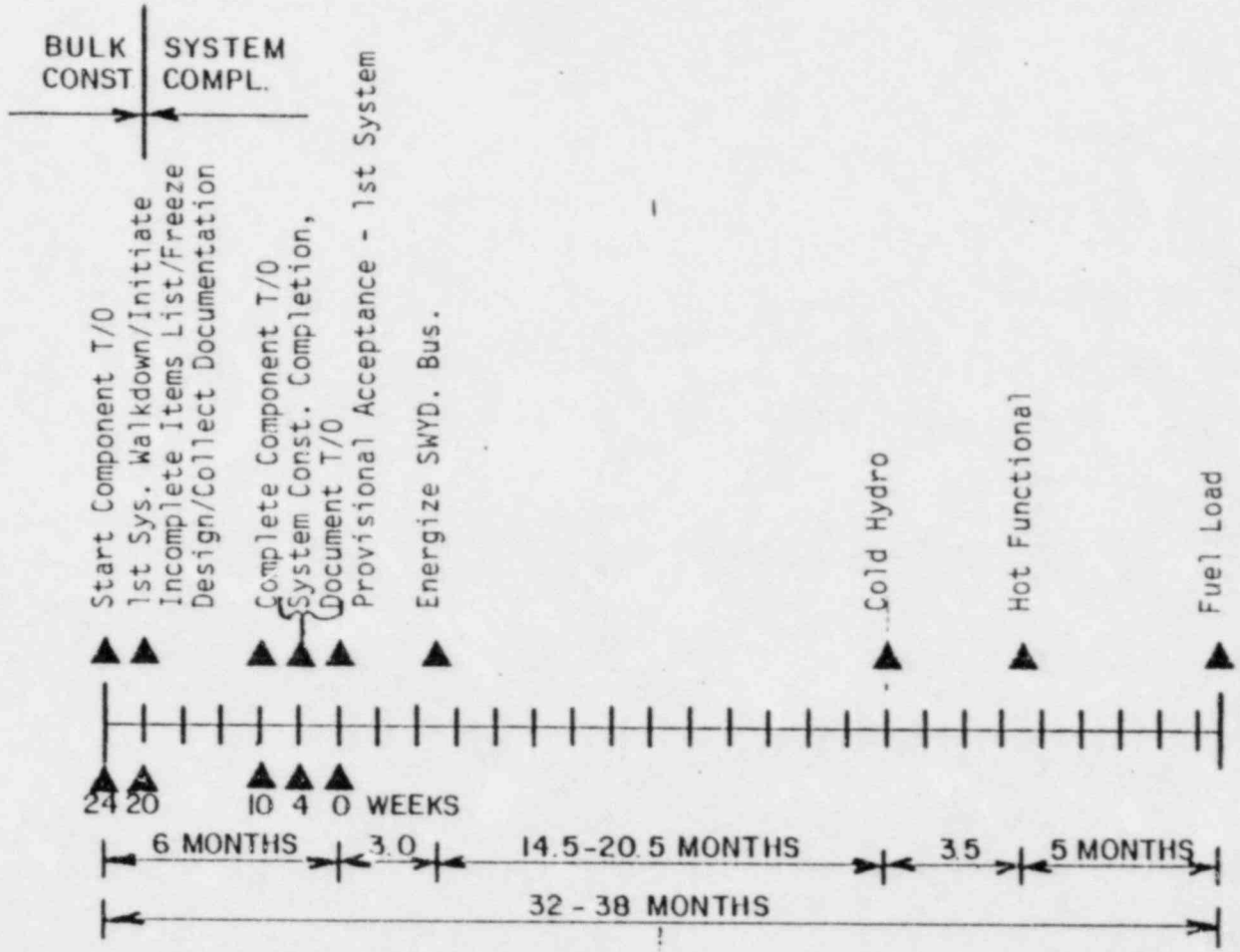
ENGINEERING

- o GET/STAY AHEAD OF CONSTRUCTION
- o REDUCE OVERSPECIFICATION
- o STREAMLINE PROCEDURES
- o LOCATE WITH CONSTRUCTION
- o INCREASE ALLOWABLE TOLERANCES

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: LEDDICK

CONSTRUCTION TURN-OVER & PLANT START-UP PLAN

CURRENT PROGRAM



BRIEFING FOR NRC:	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/2?/82 NAME: LEDDICK

POTENTIAL PROBLEM AREAS

- o INITIATIVE 394
  - RULED UNCONSTITUTIONAL
  - APPEAL RESOLUTION EXPECTED JANUARY 1983
- o NW ENERGY COUNCIL
  - REPORT ON REGIONAL POWER NEEDS - SPRING 1983
  - COST BENEFIT ANALYSIS OF WNP-3
- o EFFECT OF DEFAULT LAWSUITS/JUDGEMENTS ON WNP-3
- o EFFECT OF ABOVE ISSUES ON OPS STAFFING

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: DAVIS

CESSAR-F

IMPORTANCE OF WNP-3 REVIEW

TO STANDARDIZATION

- CESSAR-F WILL BE THE FIRST FINAL STANDARD DESIGN APPROVED BY NRC

- PALO VERDE FSAR WAS REVIEWED IN PARALLEL WITH CESSAR-F

- WNP-3 WILL BE FIRST REFERENCING FSAR TO BE REVIEWED AFTER FDA REVIEW IS COMPLETE

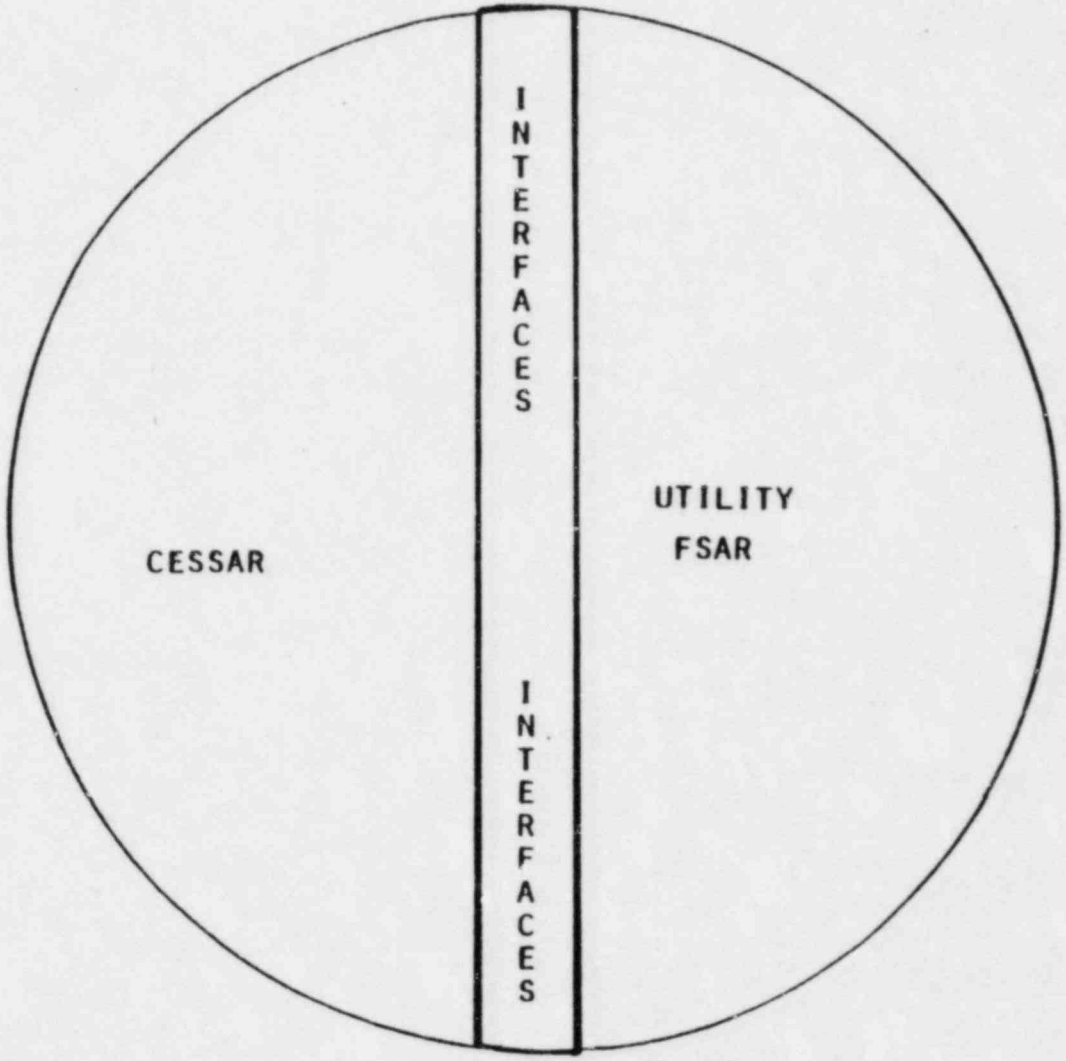
- THIS IS THE TRUE TEST OF NRC STANDARDIZATION POLICY AND WILL SHOW NUCLEAR INDUSTRY WHETHER FUTURE PLANS FOR STANDARDIZATION CAN WORK

- TO MAKE IT WORK:

  - WNP-3 MUST AVOID NSSS DESIGN CHANGES
  - NRC STAFF MUST AVOID RE-OPENING NSSS LICENSING ISSUES ALREADY CLOSED THROUGH CESSAR-F

REVIEW MATERIALS

- BASIS FOR NRC REVIEW OF WNP-3 SHOULD BE -
  - WNP-3 FSAR, AND
  - CESSAR-F SER (NUREG-0852)
- AS A GENERAL RULE, CESSAR-F ITSELF SHOULD NOT BE NEEDED BY REVIEWERS


INTERFACES
CESSAR
UTILITY
FSAR
INTERFACES

INTERFACES

- INTERFACE RELATIONSHIP BETWEEN NSSS VENDOR, ARCHITECT ENGINEER, AND UTILITY USING A STANDARD DESIGN IS THE SAME AS USING A CUSTOM DESIGN

- INTERFACE SECTIONS ARE SUMMARIZED IN MATRIX TABLES IN -
  - TABLE 1.2-2 OF CESSAR-F
  - TABLE 1.9-1 OF WNP-3 FSAR

- ONLY IMPLEMENTATION OF INTERFACE REQUIREMENTS IS TO BE REVIEWED ON WNP-3 DOCKET

C-E INPUT

COMBUSTION ENGINEERING (C-E) PROVIDES INFORMATION IN WNP-3 FSAR WITHIN THE FOLLOWING CATEGORIES:

I. WNP-3 PLANT-SPECIFIC DESIGN FEATURES

II. PLANT-SPECIFIC DATA IDENTIFIED AS NEEDED IN THE CESSAR-F SER

AN EXAMPLE OF CATEGORY II: PLANT-SPECIFIC DATA IDENTIFIED AS NEEDED IN CESSAR-F SER

FROM SECTION 5.3.1 (REACTOR VESSEL MATERIALS) OF CESSAR-F SER:

> "CESSAR INDICATES ALL SYSTEM 80 NUCLEAR PLANTS WILL BE FRACTURE TOUGHNESS TESTED...TO AT LEAST THE 1971 EDITION OF THE ASME CODE, SUMMER 1972 ADDENDA. AS STATED IN SECTION 5.2.1.1 OF THIS REPORT, EACH REFERENCE PLANT WILL BE REQUIRED TO IDENTIFY THE APPLICABLE ASME CODE EDITION AND ADDENDA."

FROM SECTION 5.2.1.1 OF THE WNP-3 FSAR:

> "CODES AND COMPONENT CLASSIFICATIONS APPLICABLE TO WNP-3/5 ASME SECTION III, CLASS 1 COMPONENTS ARE LISTED IN TABLE 5.2-1..."

COMBUSTION ENGINEERING STANDARD SAFETY ANALYSIS REPORT - FINAL

CESSAR-F

STATUS

- SAFETY EVALUATION REPORT (SER) ISSUED - NOVEMBER 1981
  (NUREG-0852)

- REVISION TO SER SCHEDULED - MARCH 1983
  (REVISION SHOULD CLOSE OUT ALL OPEN
  & CONFIRMATORY ITEMS ON CESSAR-F)

- PALO VERDE OPERATING LICENSE - JULY 1983
  (REFERENCING CESSAR-F) SCHEDULED

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: COOK

SRP

CONFORMANCE

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: COOK

CONFORMANCE WITH STANDARD REVIEW PLANS

- o DOCKETED FSAR INCLUDED STATEMENTS OF COMPLIANCE WITH NUREG 75/087

- o AMENDMENT 1 UPDATED FSAR FOR COMPLIANCE WITH RULE 10CFR50.34(g)
  - COMPLIANCE REVIEW LIMITED TO NUREG-0800 SECTION II CRITERIA
  - REFERENCED DOCUMENTS CRITERIA NOT ADDRESSED
  - LIMITED TO BOP SCOPE OF SUPPLY

- o PHASE I PROGRAM - INDENTIFICATION OF AREAS OF NON-COMPLIANCE

- o PHASE II PROGRAM - EVALUATION OF "PROPOSED ALTERNATIVES TO SRP CRITERIA"
  - EVALUATIONS OF HOW ALTERNATIVES MEET REGULATIONS
  - USE OF PRIOR BASES WHERE NOT BACKFIT BY NRC
  - MODIFICATION OF DESIGN/FSAR TO MEET CURRENT REQUIREMENTS

BRIEFING FOR NRC:	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10-27-82 NAME: LEDDICK

FY-83
MANPOWER AND PERCENT COMPLETE HISTORY

	CRAFT		NONMANUAL				TOTAL		PERIOD PERCENT COMPLETE	
			EBASCO		CONTRACTOR					
MONTH	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL
JULY82	2900	2921	540	485	921	921	4361	4327	1.7	2.5
AUG82	2700	2441	540	479	910	900	4150	3820	1.4	1.8
SEPT82	2400	2619	540	483	900	898	3840	4000	1.4	2.0
OCT82	2313		540		890		3743		1.7	
NOV82	2313		540		880		3733		1.4	
DEC82	2313		540		870		3723		1.7	
JAN83	2242		540		860		3642		1.4	
FEB83	2242		540		850		3632		1.4	
MAR83	2235		540		840		3615		1.4	
APR83	2235		540		834		3609		1.7	
MAY83	2235		540		833		3608		1.5	
JUNE83	2235		540		832		3607		1.5	

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: LEDDICK

RECENT PROGRAM ACCOMPLISHMENTS

o SET REACTOR PRESSURE VESSEL (1 WEEK AHEAD OF SCHEDULE)	AUGUST 1981
o SET BOTH STEAM GENERATORS	AUGUST 1981
o IMPLEMENTED CONSTRUCTION SERVICES COST AVOIDANCE ACTIONS	SEPTEMBER 1981
o SCAFFOLDING o CRANES o TEMPORARY POWER o CLEANUP o SURVEYING o FACILITIES REDUCTION	
o INSTALLED TG ROTOR	NOVEMBER 1981
o COMPLETED INSTALLATION OF 100,000 LINEAR FEET OF LARGE BORE PIPE AHEAD OF SCHEDULE	FEBRUARY 1982
o BEGAN SETTING CONTROL ROOM PANELS 4 WEEKS AHEAD OF SCHEDULE	FEBRUARY 1982
o SET MAIN AND AUXILIARY TRANSFORMERS 4 MONTHS AHEAD OF SCHEDULE	FEBRUARY 1982

BRIEFING FOR NRC	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: LEDDICK

RECENT PROGRAM ACCOMPLISHMENTS

o	BEGAN CABLE TERMINATIONS 3 WEEKS AHEAD OF SCHEDULE	MARCH 1982
o	STARTED SETTING LOCAL INSTRUMENT RACKS IN TURBINE BUILDING 4 WEEKS AHEAD OF SCHEDULE	MARCH 1982
o	APPLICATION FOR WNP-3 OPERATING LICENSE TENDERED TO NRC	JUNE 1982
o	COMPLETED 100% OF CABLE TRAY INSTALLATION IN TURBINE BUILDING	JUNE 1982
o	SET DIESEL GENERATOR - "A" IN REACTOR AUXILIARY BUILDING	JUNE 1982
o	REACTOR INTERNALS RECEIVED	AUGUST 1982
o	FIRST AND SECOND SAFETY INJECTION TANKS SET	AUGUST 1982
o	OPERATING LICENSE APPLICATION DOCKETED	AUGUST 1982

BRIEFING FOR NRC:	WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT 3	DATE: 10/27/82 NAME: LEDDICK

RECENT PROGRAM ACCOMPLISHMENTS

c	THIRD AND FOURTH SAFETY INJECTION TANKS SET	SEPTEMBER 1982
o	THREE MILLION MANHOURS WITHOUT A LOST TIME INJURY	SEPTEMBER 1982
o	TWELFTH CONSECUTIVE MONTH OF EXCEEDING PLANNED PRODUCTION UNDER BUDGET	SEPTEMBER 1982
o	EXCAVATION FOR DRY COOLING TOWER INITIATED	SEPTEMBER 1982
o	FUEL HANDLING BUILDING STRUCTURE COMPLETE (3 MONTHS AHEAD OF SCHEDULE)	SEPTEMBER 1982
o	MAIN LOOP PIPING COMPLETE (2 MONTHS AHEAD OF SCHEDULE)	SEPTEMBER 1982
o	SET CONTAINMENT DOME	SEPTEMBER 1982

WNP-3 PLANT SPECIFIC DESIGN FEATURES

	FSAR SECTION
. FUEL CYCLE	4.3
. LARGE BREAK LOCA ANALYSES	6.3.3.2
. NEW FUEL STORAGE RACKS	9.1.1
. GASEOUS WASTE MANAGEMENT SYSTEM	11.3

PLANT-SPECIFIC INFORMATION IDENTIFIED IN CESSAR-F SER (NUREG-0852)

	SER SECTION
CHAPTER 1	
. CONFORMANCE WITH CESSAR INTERFACE REQUIREMENTS	1.10
CHAPTER 3	
. WIND AND TORNADO PROTECTION	3.3
. FLOOD PROTECTION	3.4
. MISSILE PROTECTION	3.5
. PROTECTION AGAINST PIPE BREAKS	3.6.1
* . VERIFICATION OF PIPE BREAK LOCATIONS & WHIP RESTRAINTS	3.6.2
. INSERVICE INSPECTION	3.6.2
* . ADEQUACY OF SEISMIC DESIGN	3.7
* . PRE-CRITICAL VIBRATION MONITORING PROGRAM	3.9.2
* . ASYMMETRIC LOADS	3.9.2
. INSERVICE TESTING OF PUMPS & VALVES	3.9.6
* . SEISMIC QUALIFICATION AUDIT	3.10
* . ENVIRONMENTAL QUALIFICATION AUDIT	3.11

*METHODOLOGY APPROVED IN CESSAR-F SER.

	SER SECTION
CHAPTER 4	
* . VERIFICATION OF FUEL DESIGN LIMITS	4.2
. FUEL SURVEILLANCE PROGRAM	4.2.4
* . CPC SOFTWARE TESTING	4.4.5
CHAPTER 5	
. IDENTIFY ASME CODE EDITION	5.2.1.1
. APPLICABLE CODE CASES	5.2.1.2
. INSERVICE INSPECTION & TESTING	5.2.4
. LEAKAGE DETECTION SYSTEM	5.2.5
* . FRACTURE TOUGHNESS TESTING	5.3.1
* . PRESSURE TEMPERATURE LIMITS	5.3.2
. RCP FLYWHEEL INSERVICE EXAMINATION AND FRACTURE TOUGHNESS DATA	5.4.1.1
. STEAM GENERATOR INSERVICE INSPECTION	5.4.2.2
. RESIDUAL HEAT REMOVAL SYSTEM BREAK/LEAK ANALYSIS	5.4.3
CHAPTER 6	
. EFFECT ON CONTAINMENT PURGE/VENT ON ECCS BACKPRESSURE ANALYSIS	6.2.1.4
. CONTAINMENT ISOLATION SETPOINT PRESSURE	6.2.4
. CONTAINMENT SUMP BLOCKAGE	6.3.2

*METHODOLOGY APPROVED IN CESSAR-F SER.

	SER
CHAPTER 7	SECTION
. SITE AUDIT OF EQUIPMENT ARRANGEMENT	7.1.5
* . CPC SOFTWARE MODIFICATIONS	7.2.1
. RPS TESTING	7.2.5
. ENGINEERED SAFETY FEATURE ACTUATION SETPOINTS	7.3.6
. IE BULLETIN 79-27 EVALUATION	7.4.4
. CONTROL SYSTEM FAILURES	7.7.12
CHAPTER 15	
. COMMITMENT TO ATWS REQUIREMENTS	15.3.9
. VERIFICATION OF ATMOSPHERIC DISPERTION FACTORS AND CONTAINMENT LEAK RATE	15.4
CHAPTER 16	
. PLANT-SPECIFIC SETPOINTS AND DATA	
TMI-2 REQUIREMENTS	
. SAFETY VALVE TEST RESULTS (II.D.1)	22.2

*METHODOLOGY APPROVED IN CESSAR-F SER.

OPEN ITEMS	SER SECTION
*1. ENVIRONMENTAL QUALIFICATION	3.11
2. FUEL ROD PRESSURE LIMITS	4.2.1.1(H)
*3. CPC SOFTWARE AND SCHEDULE	4.4.5, 4.4.11
*4. ICC INSTRUMENTATION	22.2, II.F.2

*RESOLUTION OF ITEM WILL RESULT IN INFORMATION REQUIRED IN REFERENCING APPLICANT'S FSAR.

CONFIRMATORY ITEMS		SER SECTION
*1.	PREOPERATIONAL VIBRATION TESTING PROGRAM	3.9.2
2.	PUMP AND VALVE OPERABILITY PROGRAM	3.9.3.1
*3.	FUEL PERFORMANCE ANALYSES	4.2.5
4.	CLADDING COLLAPSE ANALYSIS	4.2.3.2(B)
5.	SUPPLEMENTAL ECCS ANALYSIS	4.2.3.2(F)
6.	PARTIAL-LOOP OPERATION	4.4.9
7.	REACTOR POWER CUTBACK SYSTEM	4.4.11, 7.2.1.3
8.	OPERATORS FOR 2 SDCS VALVES	5.4.3
9.	SHUTDOWN COOLING ANALYSIS	5.4.3
10.	BORON MIXING TESTING	5.4.3
11.	ISOLATION VALVE POWER	6.2.4
12.	CONTAINMENT SPRAYS	6.5
13.	BORON DILUTION ALARMS	15.2.4.5
14.	SMALL STEAM LINE BREAK ANALYSIS	15.3.1
15.	FEEDWATER LINE BREAK ANALYSIS	15.3.2

*RESOLUTION OF ITEM WILL RESULT IN INFORMATION REQUIRED IN REFERENCING APPLICANT'S FSAR.

16.	RCP SHAFT SEISURE ANALYSIS	15.3.3, 15.4.2
17.	STEAM LINE BREAK	15.3.1, 15.4.1
18.	STEAM GENERATOR TUBE RUPTURE ANALYSIS	15.4.5
19.	FUEL HANDLING ACCIDENT ANALYSIS	15.4.6
20.	EFFECTS OF LOSS OF AC POWER ON PUMP SEALS	22.2, II.K.3.25

MEETING SUMMARY

NOV 5 1982

Document Control (50-508)
NRC PDR
L PDR
NSIC
TERA

LB#3 Reading
J. Lee
G. Knighton
Project Manager LWheeler
Attorney, OELD
E. L. Jordon
Regional Administrator, Region V
J. M. Taylor

PARTICIPANTS (NRC):

RVollmer
HThompaon
SHanauer
TNovak
LRubenstein
RJackson
VMoore
MFleigel
LWheeler
ELicitra
AVietti
MGaitanis
JStone
RForelich
ESullivan
DBucci