MAY 9 1989

In Reply Refer To:
Docket: 50-285

Omaha Public Power District
ATTN: Kenneth J. Morris, Division Manager
Nuclear Operations
1623 Harney Street
Omaha, Nebraska 68102

Gentlemen:

This refers to the public dedication of the recently completed Omaha Public Power District Nuclear Training Facility attended by Region IV personnel on April 11, 1989, and the postdedication meeting held with licensee management.

The subjects discussed at the postdedication meeting and the attendees are listed in the enclosed Meeting Summary.

It is our opinion that this meeting was mutually beneficial. In accordance with Section 2.790 of the NRC's "Rules of Practice," Title 10, Code of Federal Regulations, a copy of this letter will be placed in the NRC's Public Document Room.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

Original Signed By:
L. J. CALLAN

L. J. Callan, Director
Division of Reactor Projects

Enclosure:
Meeting Summary

cc:
Fort Calhoun Station
ATTN: W. G. Gates, Manager
P.O. Box 399
Fort Calhoun, Nebraska 68023

Harry H. Voigt, Esq.
LeBoeuf, Lamb, Leiby & MacRae
1333 New Hampshire Avenue, NW
Washington, DC 20036

Nebraska Radiation Control Program Director

RIV:C:DRP/B	D:DRP
TFWesterman;df	LJCallan
5/9/89	5/9/89

IE45
1/1

bcc to DMB (IE45)

bcc distrib. by RIV:
R. D. Martin, RA
Section Chief (DRP/B)
RIV File
RSTS Operator
Lisa Shea, RM/ALF
P. Milano, NRR Project Manager (MS: 13-D-18)
RPB-DRSS
MIS System
DRP
Project Engineer (DRP/B)
DRS
RRI

MEETING SUMMARY

Licensee: Omaha Public Power District

Facility: Fort Calhoun Station

Docket No.: 50-285

Subject: Dedication of training facility and departmental status

On April 11, 1989, Messrs. R. D. Martin and L. J. Callan visited the Fort Calhoun Station for the licensee's dedication ceremony of its new nuclear training facility. Mr. Martin delivered the luncheon address.

After the formal ceremony and tour, licensee management met with Messrs. Martin and Callan. The licensee's current status of its continuing improvement programs was the primary topic of discussion. Enclosures 1 and 2 were presented to those in attendance at the postdedication meeting.

The plant tour, dedication ceremony, and subsequent discussions proved to be mutually beneficial.

L. J. Callan, Director
Division of Reactor Projects

Attachment:
Attendance List

ATTENDANCE LIST

Attendance at the OPPD - NRC meeting on April 11, 1989, at the Fort Calhoun Station included:

OPPD

W. C. Jones, Senior Vice President, Nuclear Operations
K. J. Morris, Division Manager, Nuclear Operations
W. G. Gates, Plant Manager, Fort Calhoun Station
S. K. Gambhir, Division Manager, Production Engineering
R. Scofield, Division Manager, Nuclear Planning
J. H. McKinnon, Acting Division Manager, Production Engineering
A. W. Richard, Manager, Station Engineering
R. L. Jaworski, Manager, Station Engineering
G. R. Peterson, Assistant Plant Manager

NRC

R. D. Martin, Regional Administrator
L. J. Callan, Director, Division of Reactor Projects
P. H. Harrell, Senior Resident Inspector
T. Reis, Resident Inspector

ENCLOSURE 1

OMAHA PUBLIC POWER DISTRICT

NUCLEAR PROGRAM PLANNING CONCEPTS

BY

NUCLEAR PLANNING DEPARTMENT

APRIL 11, 1989

OPPD NUCLEAR PROGRAM PLAN

OPPD MISSION STATEMENT

OPPD STRATEGIC PLAN
FIVE GOALS

NUCLEAR PROGRAM STRATEGIC GUIDELINES
SENIOR VICE PRESIDENT & DIVISION MANAGER GOALS

NUCLEAR PROGRAM BUSINESS PLAN
POWER SUPPLY BUSINESS DIRECTION PAPER

NUCLEAR PROGRAM LONG-RANGE PLAN
2-YEAR MILESTONE SCHEDULE
MULTIYEAR BUDGET FORECASTS
5-YEAR MANPOWER PLAN

NUCLEAR PROGRAM ANNUAL PLAN
SENIOR VICE PRESIDENT, DIVISION MANAGER,
MANAGER & SUPERVISOR OBJECTIVES
CAPITAL BUDGET
O&M BUDGET

DEPARTMENT PLAN
OBJECTIVES
DETAILED SCHEDULES
RESOURCE ESTIMATES

NUCLEAR PROGRAM PLANNING

- NUCLEAR PROGRAM PLANNING MANUAL
- WORK BREAKDOWN STRUCTURE - PROGRAM MODEL
- WORK SCOPE DEFINITIONS
- MILESTONE SCHEDULE
- RESOURCE REQUIREMENT SUMMARY

NUCLEAR PROGRAM PLANNING
PROPOSED ORGANIZATION CHART

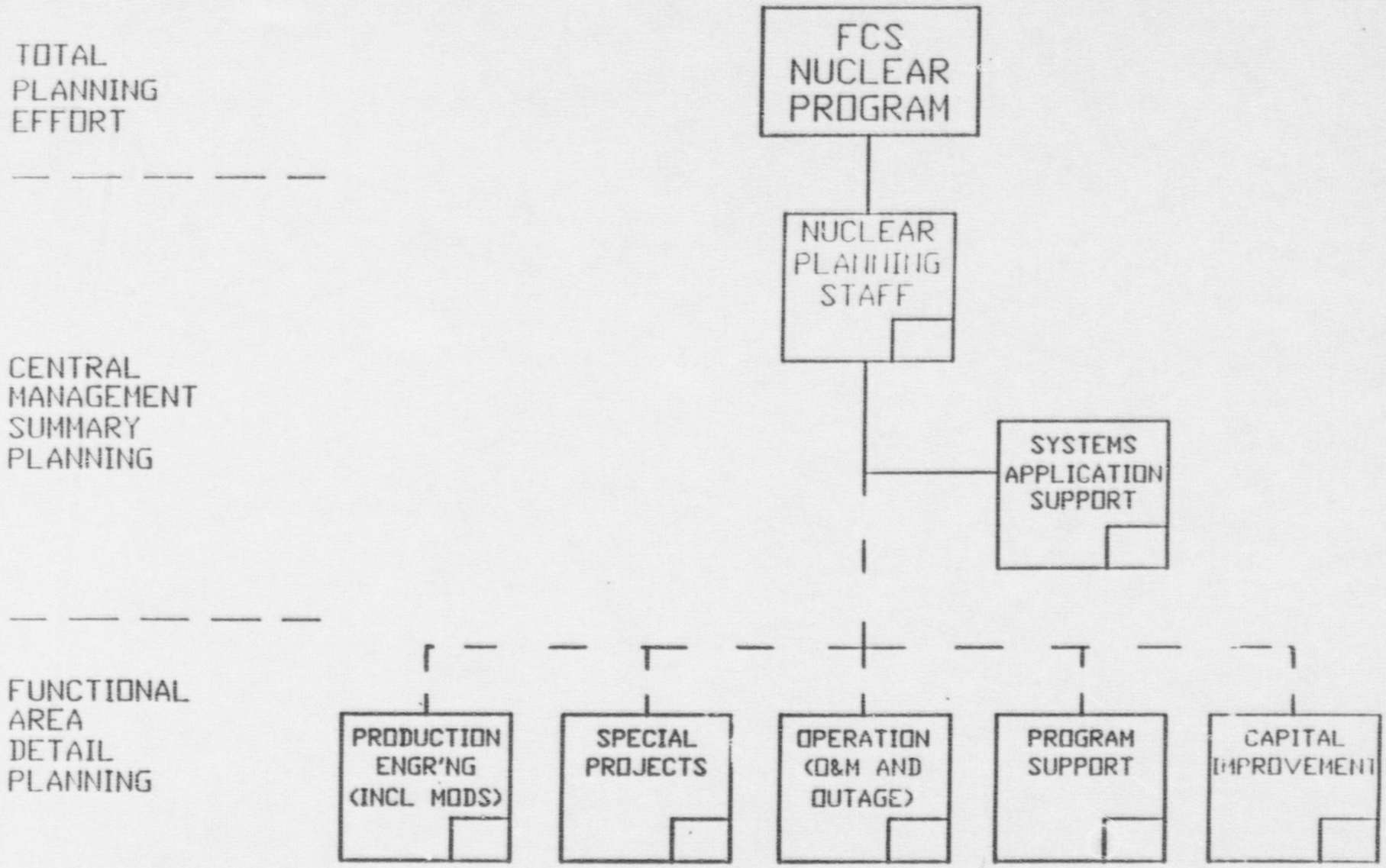
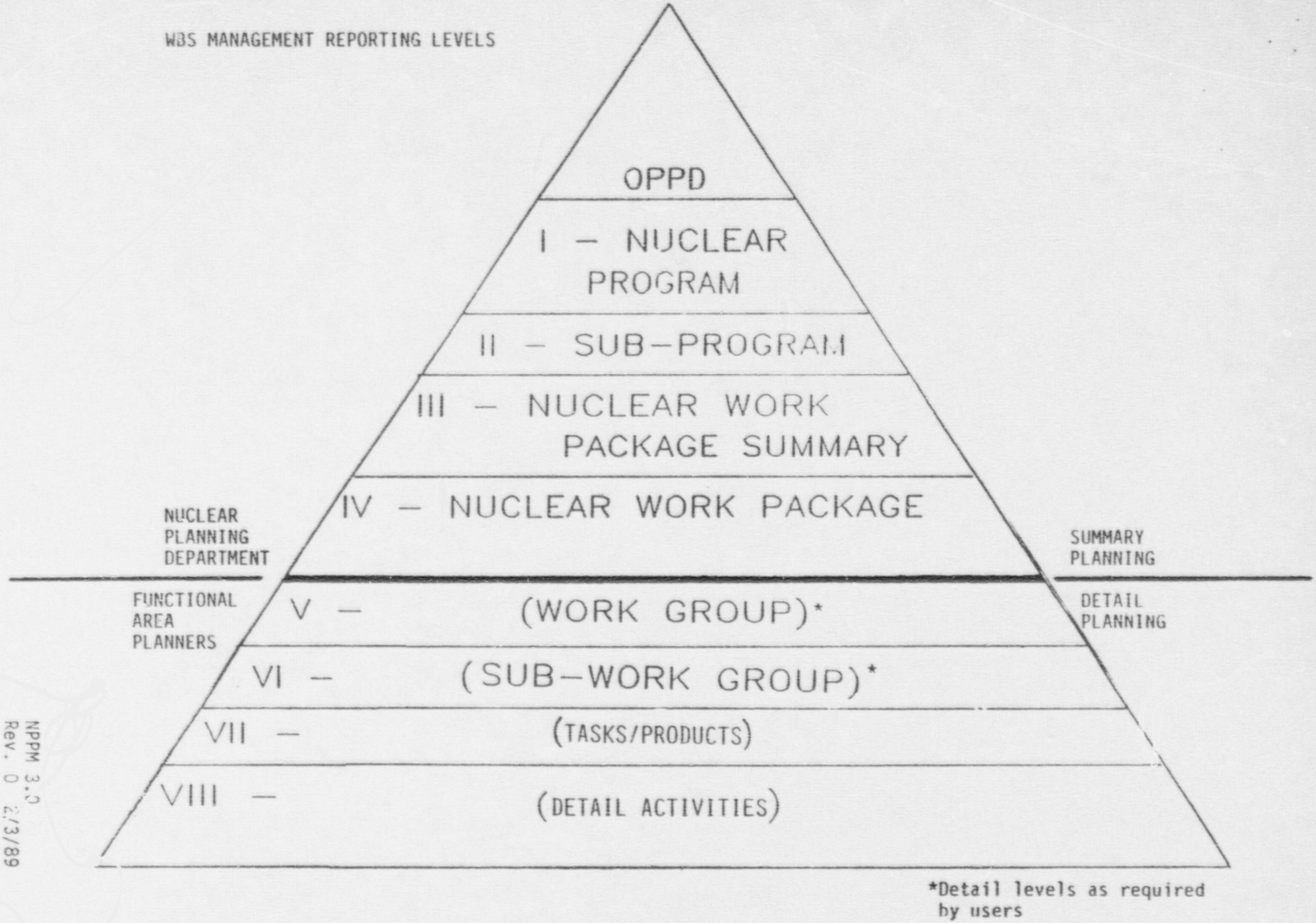


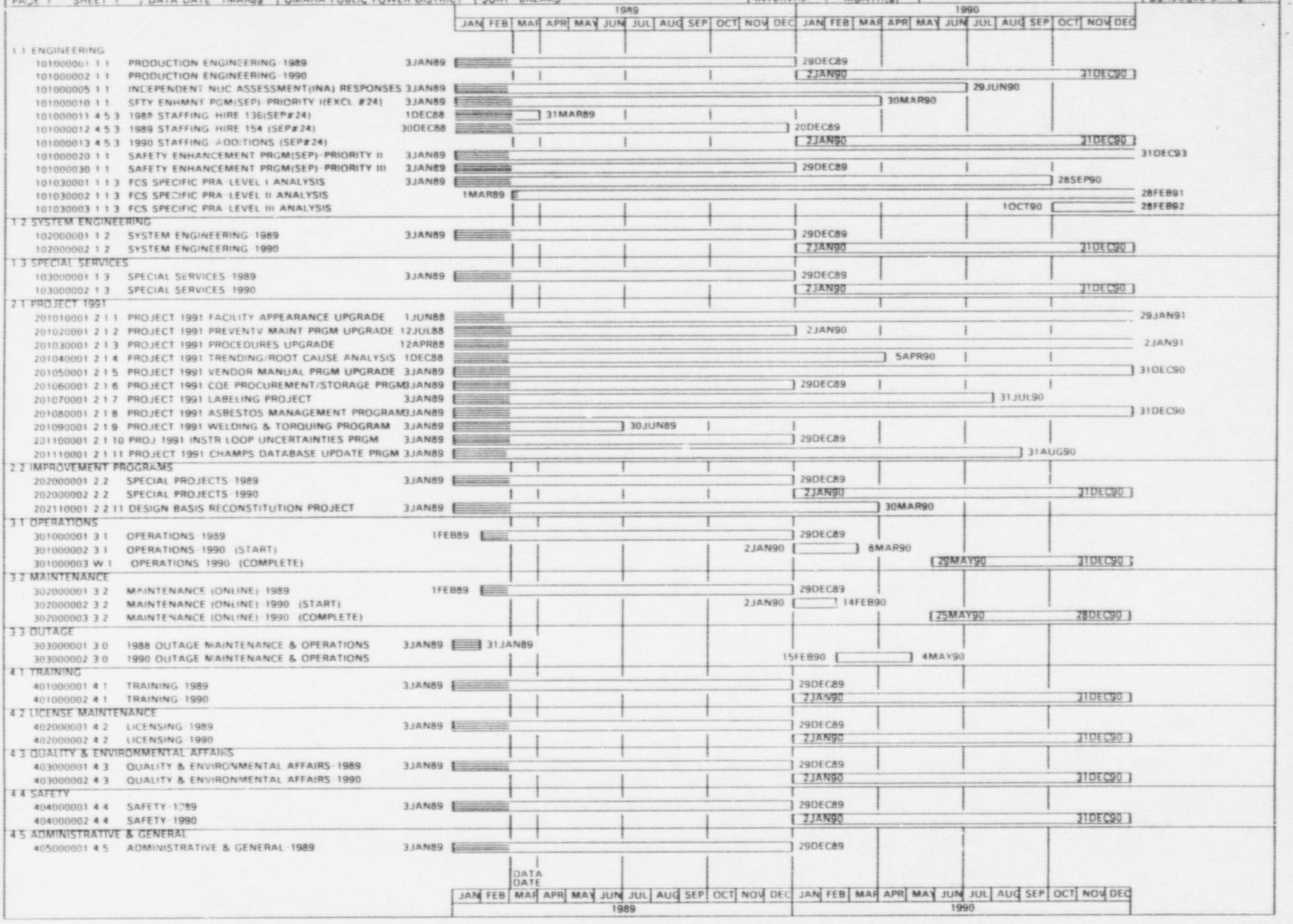
FIGURE 3-1



NPPM 3.0
Rev. 0 2/3/89
FIGURE 3-4

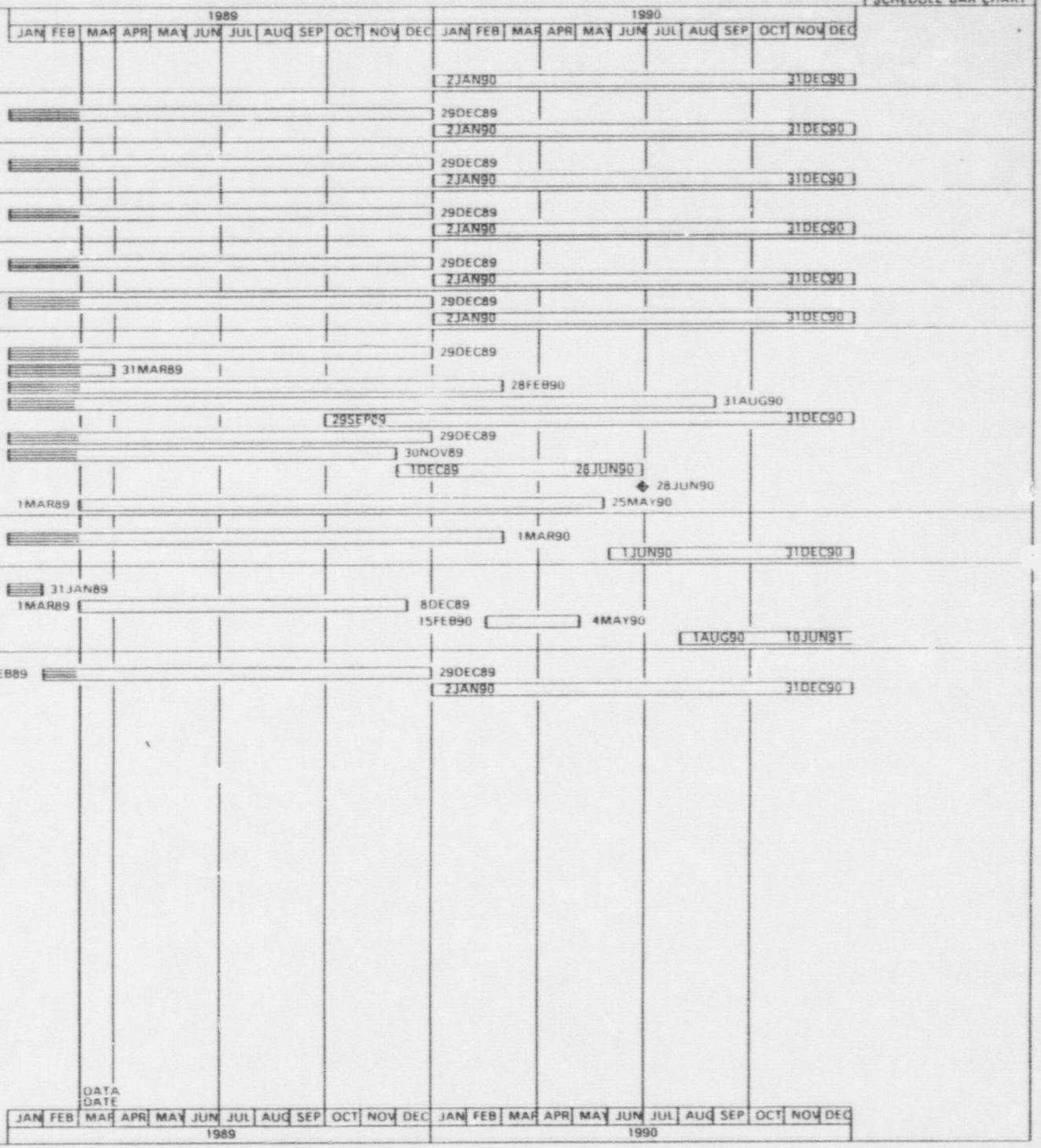
FIGURE 3-4

PROJECT PSN1 | START 12APR88 | PROGRAM SUMMARY NETWORK | WORKING SCHEDULE | MODE C/FE | R 3MAR89 15 39
PLOT X37 | FINISH 31DEC93 | LINE BREAK ON | INTERVAL 1 MONTH(S) | PROJECT/2 8685
PAGE 1 SHEET 1 | DATA DATE 1MAR89 | OMAHA PUBLIC POWER DISTRICT | SORT BREAKS | SCHEDULE BAR CHART

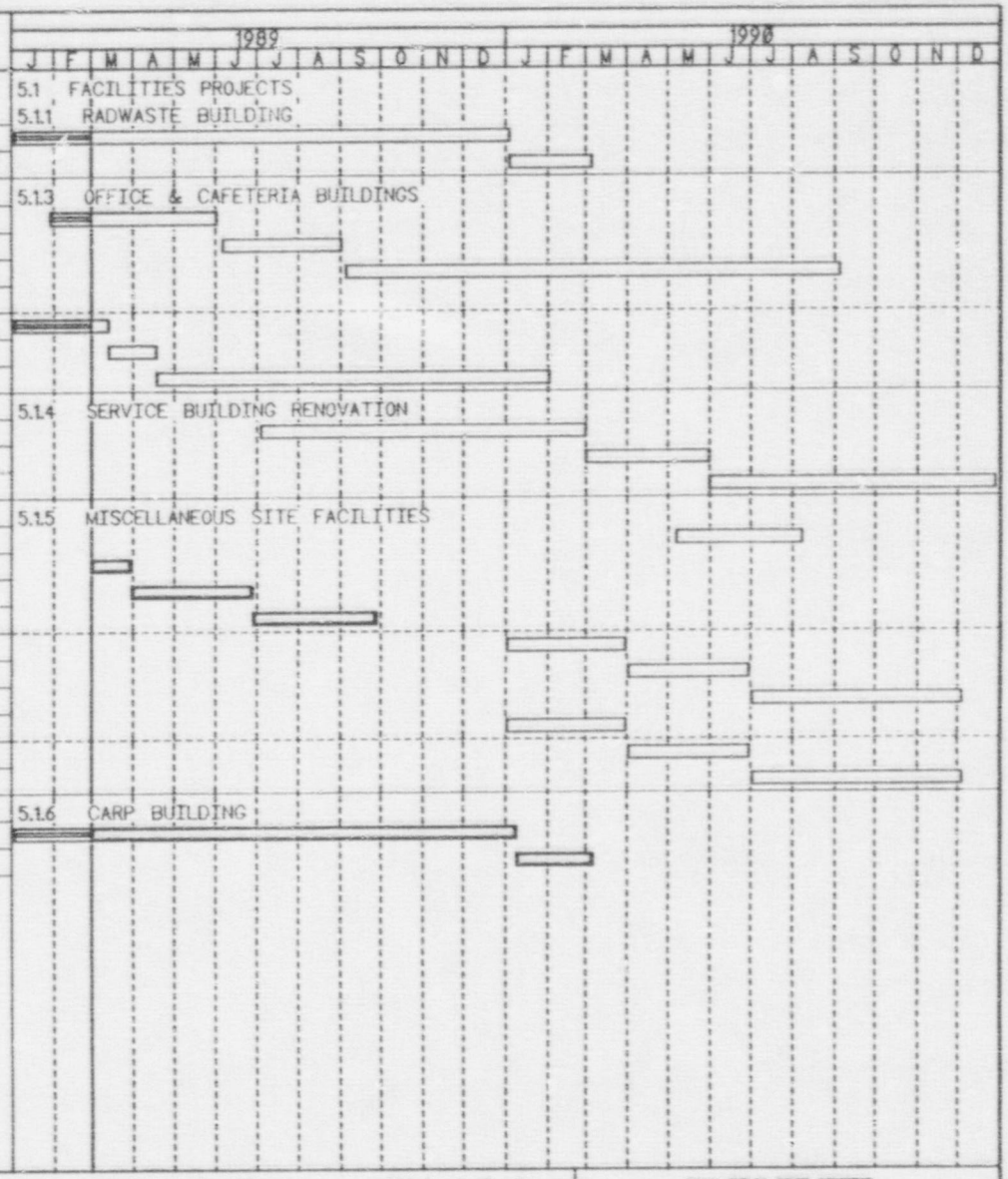


PROJECT PSN1
PLOT X37
PAGE 1 SHEET 2

RL 1MAR89 15 39
PROJECT/2 8685
SCHEDULE BAR CHART



ACTIVITY ID	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH
50101-0200	CONSTRUCT RAD WASTE BUILDING	3JAN89A	3JAN90
50101-0300	OCCUPY RAD WASTE BUILDING	4JAN90	5MAR90
50103-0300	ADMIN OFFICE BLDG - DESIGN	30JAN89A	1JUN89
50103-0400	ADMIN OFFICE BLDG - BID/AWARD	6JUN89	1SEP89
50103-0500	ADMIN OFFICE BLDG - CONSTRUCTION	5SEP89	4SEP90
50103-0600	ALL FACILITIES COMPLETED BY JAN. 1, 1991	2JAN91	31DEC90
50103-0700	CAFETERIA/OFFICE - PREPARE CONSTRUCTION DOC	3JAN89A	13MAR89
50103-0800	CAFETERIA/OFFICE - BID/AWARD	14MAR89	17APR89
50103-0900	CAFETERIA/OFFICE - CONSTRUCTION	18APR89	1FEB90
50104-0200	SERVICE BLDG RENOVATION - DESIGN	4JUL89	28FEB90
50104-0300	SERVICE BLDG RENOVATION - BID/AWARD	1MAR90	31MAY90
50104-0400	SERVICE BLDG RENOVATION - CONSTRUCTION	1JUN90	28DEC90
50105-0200	FC88-012 AUX BLDG RENOVATION - CONSTRUCTION	7MAY90	7AUG90
50105-0300	WAREHOUSE PARKING - DESIGN	1MAR89	30MAR89
50105-0400	WAREHOUSE PARKING - BID/AWARD	31MAR89	27JUN89
50105-0500	WAREHOUSE PARKING - CONSTRUCTION	28JUN89	27SEP89
50105-0740	OLD WH REMOVAL/NORTH ACCESS RD - DESIGN	2JAN90	30MAR90
50105-0760	OLD WH REMOVAL/NORTH ACCESS RD - BID & AWARD	2APR90	29JUN90
50105-0800	OLD WH REMOVAL/NORTH ACCESS RD - CONSTRUCTION	2JUL90	3DEC90
50105-0840	COMPLETE PAVING INSIDE P.A. - DESIGN	2JAN90	30MAR90
50105-0860	COMPLETE PAVING INSIDE P.A. - BID & AWARD	2APR90	29JUN90
50105-0900	COMPLETE PAVING INSIDE P.A. - CONSTRUCTION	2JUL90	3DEC90
50106-0300	FC86-116 CARP BLDG - CONSTRUCTION	3JAN89A	8JAN90
50106-0400	FC86-116 CARP BLDG - OCCUPY	9JAN90	6MAR90



Activity Bar/Early Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1989

NUCLEAR PROGRAM PLANNING (NPP)
FT CALHOUN STATION SUMMARY SCHEDULES
FACILITIES SCHEDULE OVERVIEW

Sheet 1 of 1

Project Start : 2MAY88
Project Finish: 2AUG93

Data Date: 1MAR89
Plot Date: 23MAR89

OMAHA PUBLIC POWER DISTRICT

Date	Revision	Checked	Approved

R. C. Kellogg-Mngr.
WORK PKG. RESPONSIBILITY

WORK PACKAGE
ID: 1.3.5 Plant Support

DESCRIPTION OF SCOPE

This work package is defined as site engineering work supporting the normal operations and maintenance functions at the plant. Programs are categorized into three distinct groups: I) Performance Indicators, II) Welding and Torquing and III) Examinations and Tests. (Note: These programs are in a state of flux continuously).

I. Performance Indicators - Administration and direction of all activities associated with operations Performance Indicators. Development of new performance indicators upon request from management, INPO findings, etc., plot and post certain performance indicator data in selected work areas.

II. Welding - Develop and issue the FCS Welding Program. Direct and verify welding qualifications. Prepare and issue individual and specific welding procedures (includes dissimilar metals, delta metal thicknesses, stress relieving, etc.) Review design packages for compliance with welding program and resolution of all welding questions and concerns.

III. Exams and Tests - Administer, direct and/or perform examinations and tests required to ensure plant is operational and maintained within its design and license parameters. Requirements governing these efforts are based on technical specifications. Scope involves definition, development and administration of data collection, data reduction, reporting and certain repair efforts. Maintain current status of programs consistent with NRC, INPO, ASME and other industry standards. Also support NRC/INPO audits.

EXCLUSIONS (Not in Scope)

Prepared by: L. T. Pound
October 14, 1988

FIGURE 8-1

R. C. Kellogg-Mngr
WORK PKG. RESPONSIBILITY

WORK PACKAGE
ID: 1.3.5 Plant Support

WORK PACKAGE PRODUCTS/TASKS

S/G - tube plugging, sludge lancing, tube inspection

IRRL, MAL, SSOMI, REGION IV, V

ISI - Outage reports, software, check valves, reactor vessel welds, long seam welds, refueling, pump and valve testing.

Tendon testing
Containment ILRT
Thermal shield (G-57)
Performance Indicator reports
NDT Nonconformances
Erosion/Corrosion
MOVATS

Workload identifie during July/August 1988 indicated twelve man-years of existing and current work.

SCHEDULE START	SCHEDULE END	RATIO EXPENSE/CAPITAL (O/M estimate e.g. 40/60)

ESTIMATE OF RESOURCES REQUIRED - 1989 (Equivalent Manpower)
1989/1990

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
OPPD												
Engr Techs:	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
Supervisor:	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Weld Engr:	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Elec Engr:	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
Mech Engr:	2/4	2/4	2/4	2/4	2/4	2/4	3/4	3/4	3/4	4/4	4/4	4/4
Contractor												
Elec Engr:	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
Mech Engr:	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	0/0	0/0	0/0
TOTAL	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10

Prepared by: L. T. Pound
October 14, 1988

FIGURE 8-1

ACTIVITY ID	ACTIVITY DESCRIPTION	JAN 89	FEB 89	MAR 89	APR 89	MAY 89	JUN 89	JUL 89	AUG 89	SEP 89	OCT 89	NOV 89	DEC 89
3531	- SPECIAL SERVICES - M	20	16	20	18	20	21	22	23	22	25	23	22
3532	- SPECIAL SERVICES - E	4	5	7	6	7	8	8	8	8	8	8	7
3533	- SPECIAL SERVICES - C	0	0	0	0	0	0	0	0	0	0	0	0
3534	- SPECIAL SERVICES - N	0	0	0	0	0	0	0	0	0	0	0	0
3535	- SPECIAL SERVICES - O	1	1	1	1	1	1	1	1	1	1	1	1
3536	- SPECIAL SERVICES - E	7	6	8	6	7	7	7	7	7	7	6	6
3540	- EMERG PLANNING	9	11	13	11	13	13	12	14	12	13	12	11
3550	- CIVIL ENGINEER	14	10	12	9	10	10	11	13	11	12	11	10
3560	- ELEC/I&C ENGINEER	28	20	26	20	24	24	21	24	20	20	18	17
3570	- MECHANICAL ENGINEER	41	50	62	50	59	59	55	64	55	60	55	51
3580	- NUCLEAR ENGINEER	33	29	35	29	33	38	36	42	37	44	41	39
3590	- ENGR'G SERVICES	30	12	14	12	14	14	13	15	13	14	12	11
3600	- NUCLEAR PROJECTS	9	9	11	9	11	10	9	10	8	10	9	9
3610	- PROD ENGR'G - ADMIN	15	4	5	4	5	5	4	5	4	5	4	4
3850	- FUELS - ADMIN	0	0	0	0	0	0	0	0	0	0	0	0
3870	- NUCLEAR FUEL	0	0	0	0	0	0	0	0	0	0	0	0
4500	- PROD OPER - DIV MGMT	1	1	1	1	1	1	1	1	1	1	1	1
4550	- TRAINING & SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
4560	- COMPUTER SERV	0	0	0	0	0	0	0	0	0	0	0	0
4570	- TECH SUPPORT SERV	0	0	0	0	0	0	0	0	0	0	0	0
4580	- CHEM & ENVIR	0	3	3	3	3	3	3	3	3	3	3	3
4590	- TEST & PERF	0	0	0	0	0	0	0	0	0	0	0	0

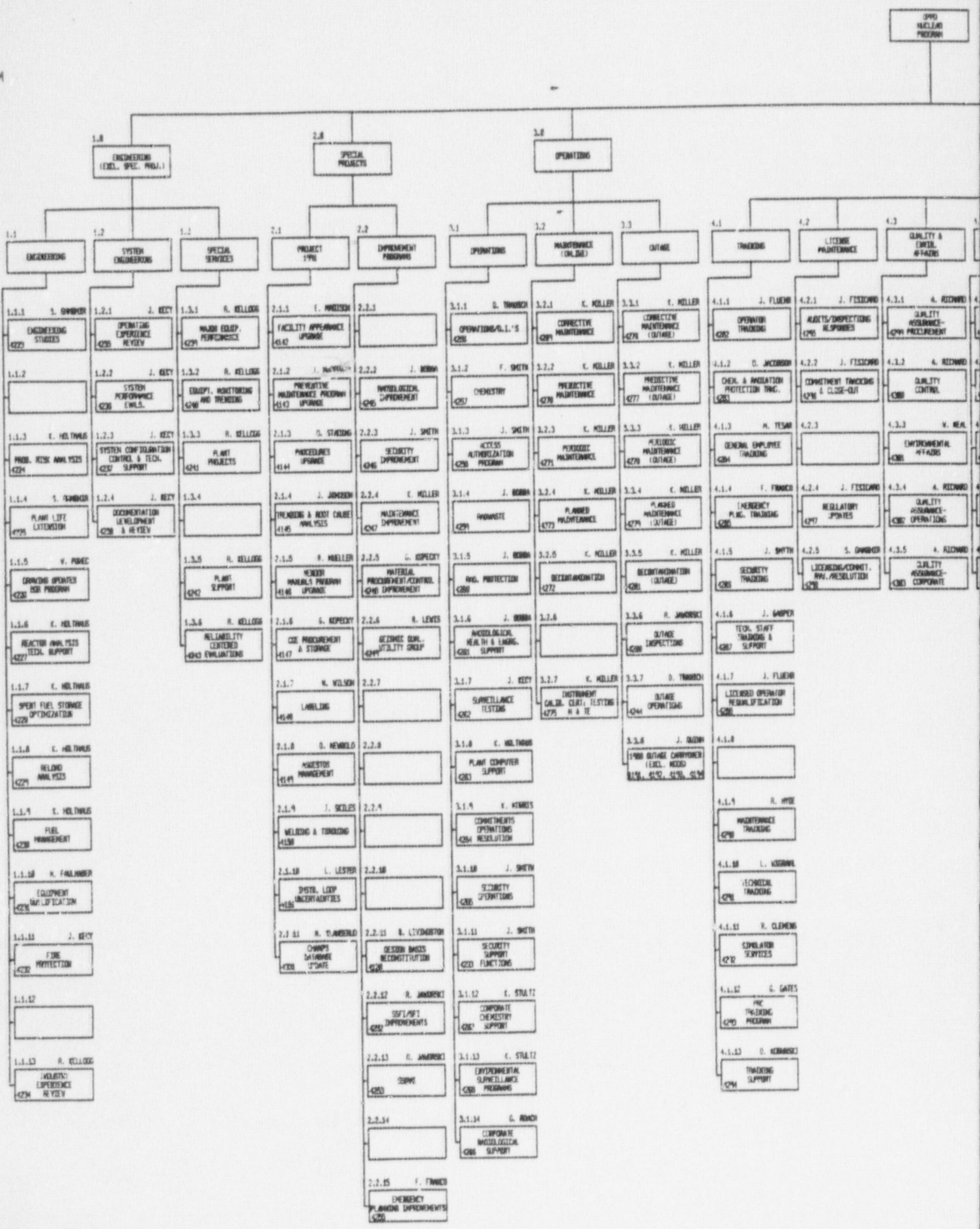
WORK BREAKDOWN STRUCTURE

PROGRAM

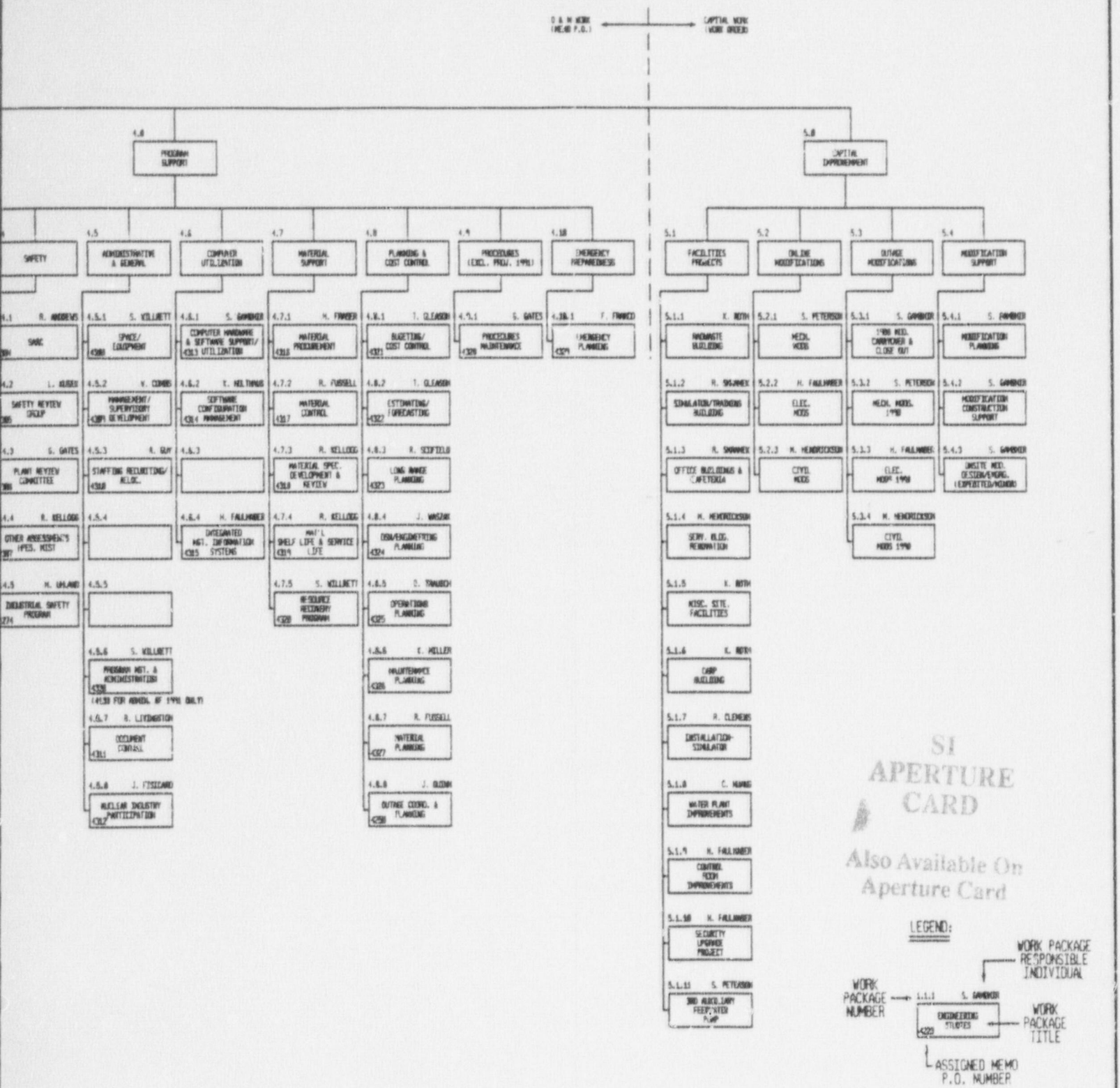
LEVEL II
PROGRAMS

LEVEL III
WORK
PACKAGE
SUMMARY

LEVEL IV
WORK
PACKAGE



(WBS)



LEGEND:

NOTE:

WORK ORDER NUMBERS FOR CAPITAL WORK (PROJECTS & INDIVIDUAL MODS.) WILL BE ASSIGNED BY PED.

8905230286-01

FIGURE 1

OPPD
NUCLEAR PROGRAM
FOR
FORT CALHOUN
STATION
WORK BREAKDOWN STRUCTURE

REV. 4	REV. 3	REV. 2	REV. 1	REV. 0
12-16-88	12-05-88	11-29-88	10-27-88	10-11-88

OPERATIONAL SUPPORT

- SI Pump Choked Flow Resolution
- OPLS Degraded Voltage Modification
- Main Steamline Bellows Modification
- Limitorque Operator Replacement and Testing
- HP Turbine Rotor Resolution
- Resolution of Safety Issues from Design Basis Reconstitution
- 161 KV Line Outage Evaluation
- Response to Two Notifications of Unusual Events, (Emergency Planning)
- Facility Upgrades
- Continuous Offsite Power Supply During Refueling Outage Successful
- Instrument Air Action Items Nearly Complete
- Followup Actions to SIRWT Bubbler Check Valves and Containment Isolation Complete

REGULATORY ISSUES

- Critical Evaluation of Activities:

  -- Example: Surveillance Test Procedures Upgrades

- Pressurizer Surge Line Thermal Stratification Problem

- Several SEP Items

- USI A-45 (Station Blackout)

- USI A-46 (Seismic Qualification)

- Improved Welding Program for Refueling Outage

- Resolution and Completion of SSOMI Commitments

- Resolution of NRC Concerns on Fire Barriers

PLANNED ENGINEERING ACTIVITIES

- Control Room HVAC
- Third Auxiliary Feedwater Pump Addition
- Configuration Management
- Individual Plant Examination (IPE) - PRA Work

KEY POINTS

- Plant modifications have not created new operational problems such as increased reactor trips.
- System Engineering Group is functional.

SUMMARY

- Demonstrated ability to respond to numerous complex challenges

- Organization implemented is capable of handling complex engineering and operational support challenges

- Expectations are that major paybacks will result from design basis reconstitution, PRA, Project 1991 and implementation of SEP items

REORGANIZATION AND STAFFING

- Production Engineering Division (PED) Created July, 1988
- PED, NOD, QEA all report to Senior Vice President
- Formation and Implementation of additional departments/groups:
  - --System Engineering Department
  - --Nuclear Projects (Project 1991)
  - --Design Basis Reconstitution Group
  - --Probabilistic Safety/Risk Analysis Group
  - --Procurement Engineering
- Staffing authorizations increased:
  - --7/1/88 Authorized Manpower of 123
  - --1988 Additions of 40
  - --1989 Additions of 50
  - --1989 Authorized Manpower of 213

PRODUCTION ENGINEERING DIVISION CAPABILITIES

- Current staffing level of 172 with 11 offers accepted

- Staffing level and experience ensure capability to respond to complex engineering and operations support challenges
  - Staffing additions include experienced personnel
  - Average experience level of System Engineers is over 10 years

- Ability to coordinate and facilitate multiple priorities

- Goal of Nuclear Safety is Number 1 Priority

PED FUTURE EMPHASIS AND GOALS

- Efficiency
- Planning
- Replacement of Contractors with OPPD Staff
- Backlog Reduction
- Integration of Configuration Controls
- Broader Focus in Resolving Issues