

PUBLIC SERVICE
ELECTRIC & GAS COMPANY

ACTION PLAN 2.6.2

MAINTENANCE PLANNING
MONITORING AND CONTROL

PRESENTED BY: JOHN GALLAGHER
MAINTENANCE MANAGER
SALEM GENERATING STATION
MAY 18, 1984

OBJECTIVES OF PRESENTATION

I. OBJECTIVES OF ACTION PLAN 2.6.2

II. ELEMENTS OF PROJECT

III. SUMMARY

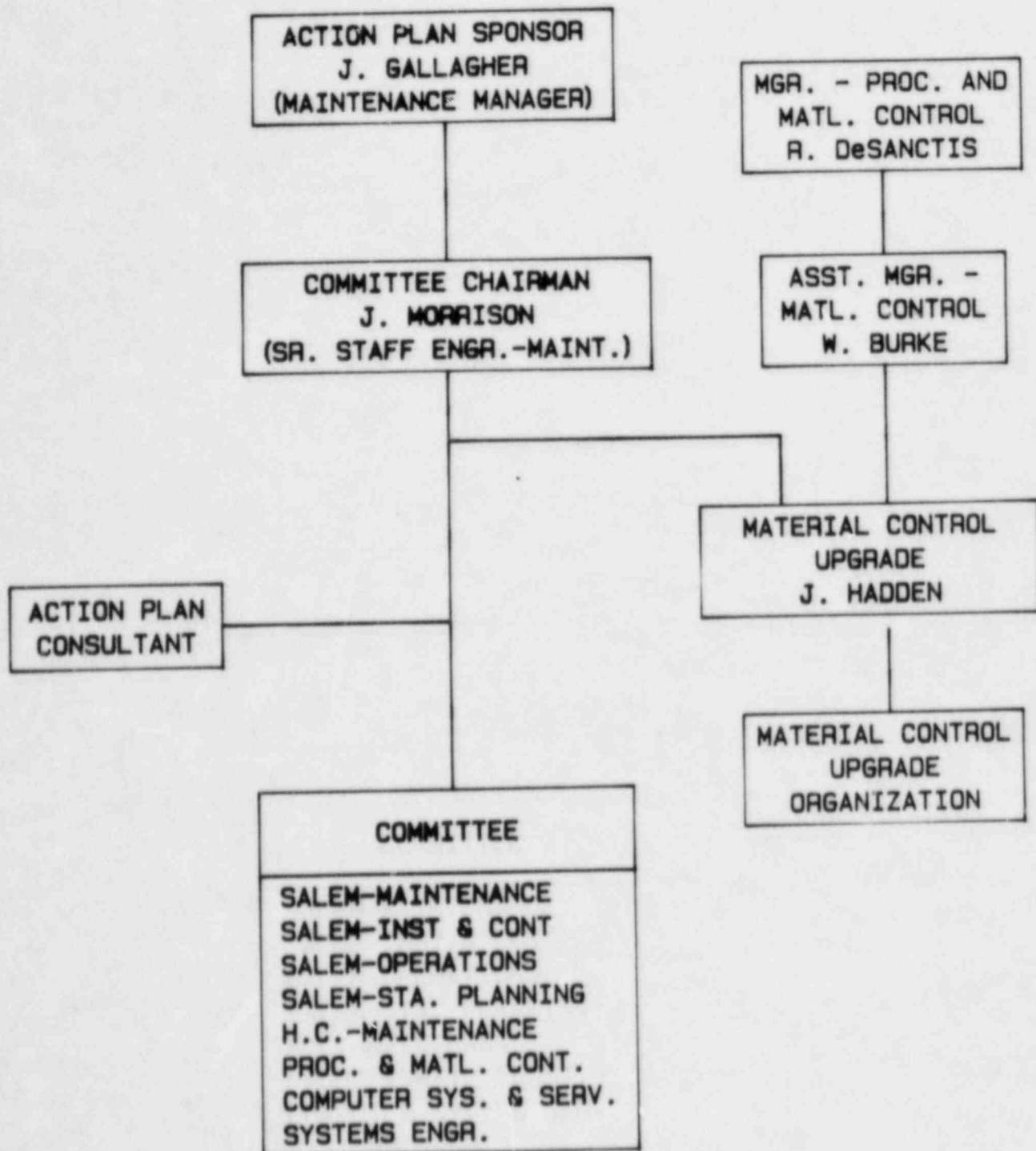
I. OBJECTIVES OF ACTION PLAN 2.6.2

- Provide a managed maintenance program which will enhance the planning, scheduling, and analysis of maintenance work activities
- Provide a validated comprehensive spare parts data base for 22,000 spare parts

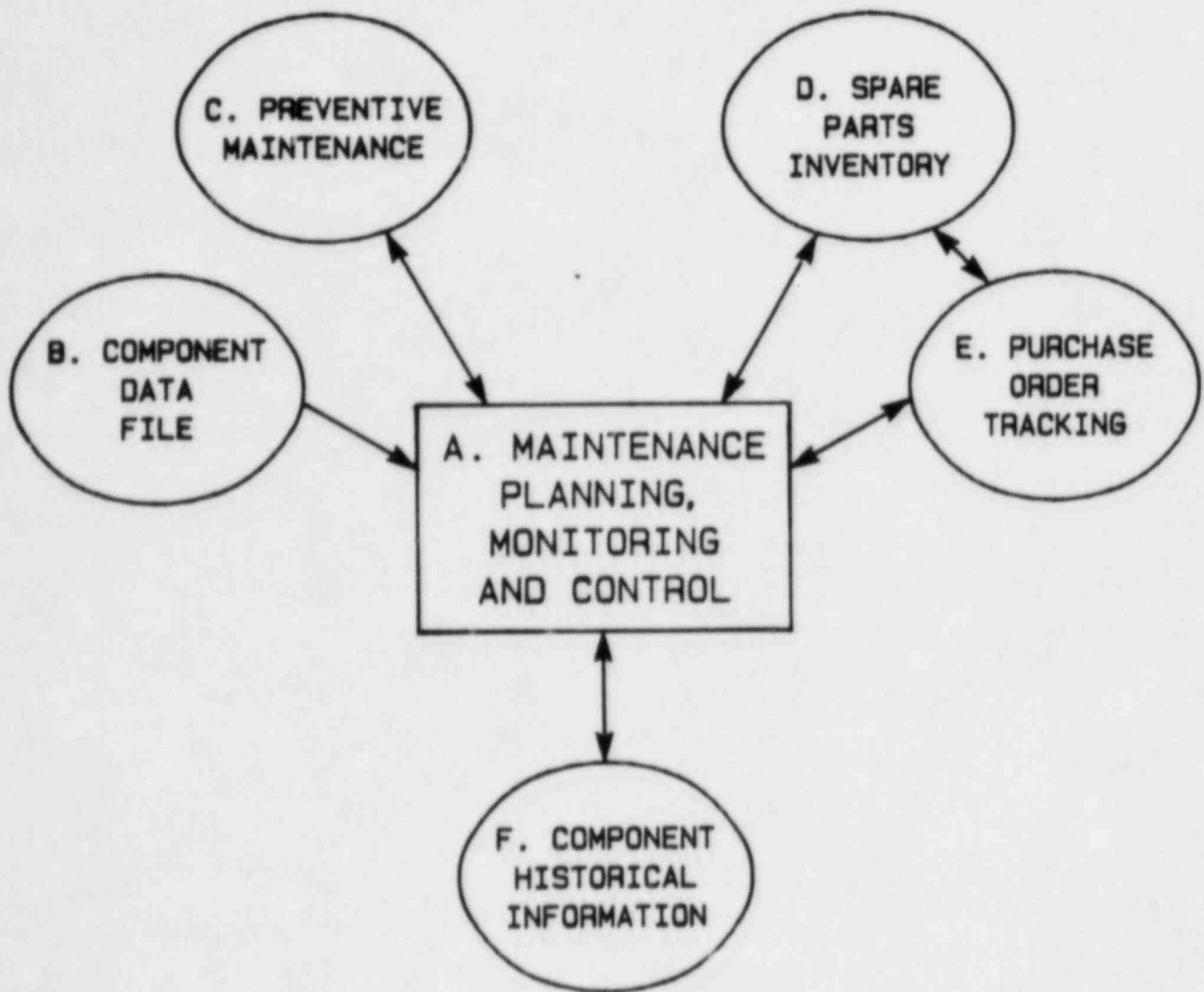
II. ELEMENTS OF THE PROJECT

1. Analyze requirements for the managed maintenance program
2. Review existing maintenance control systems for potential consolidation
3. Analyze merits of non-outage scheduling (Action Plan 2.6.3 lessons learned will be implemented)
4. Evaluate integration of non-outage scheduling with outage planning and scheduling
5. Determine how required information is obtained
6. Enhance warehouse and storeroom interface with the managed maintenance program
7. Analyze hardware/software needs

PROJECT ORGANIZATON
(DEVELOPMENT PHASE)



MANAGED MAINTENANCE PROGRAM



A. MAINTENANCE PLANNING MONITORING AND CONTROL

- Provide for the planning and scheduling of maintenance tasks, including preventive maintenance
- Provide for tracking work order status from initiation to final retest and administrative reviews
- Provide for management reports
 - Backlog
 - Projected Work
 - Outage Lists
- Provide input for nuclear plant reliability data system (NPRDS) reporting

F. COMPONENT HISTORICAL INFORMATION

- Maintain equipment history in a more meaningful and accessible form
- Assist in the identification of high maintenance items, support failure analysis and corrective action
- Assist in evaluation of maintenance practices and the preventive maintenance program

GENERAL SYSTEM REQUIREMENTS

Must interface with the following:

Action Plan 2.7.3 – Management Information Systems

Action Plan 2.3.1/ Configuration Management and
2.3.2 Change Control

Action Plan 2.4.2 – Compliance Monitoring of Technical
and Equipment Specifications

Action Plan 2.4.3 – Post Modification/Post Repair
Testing

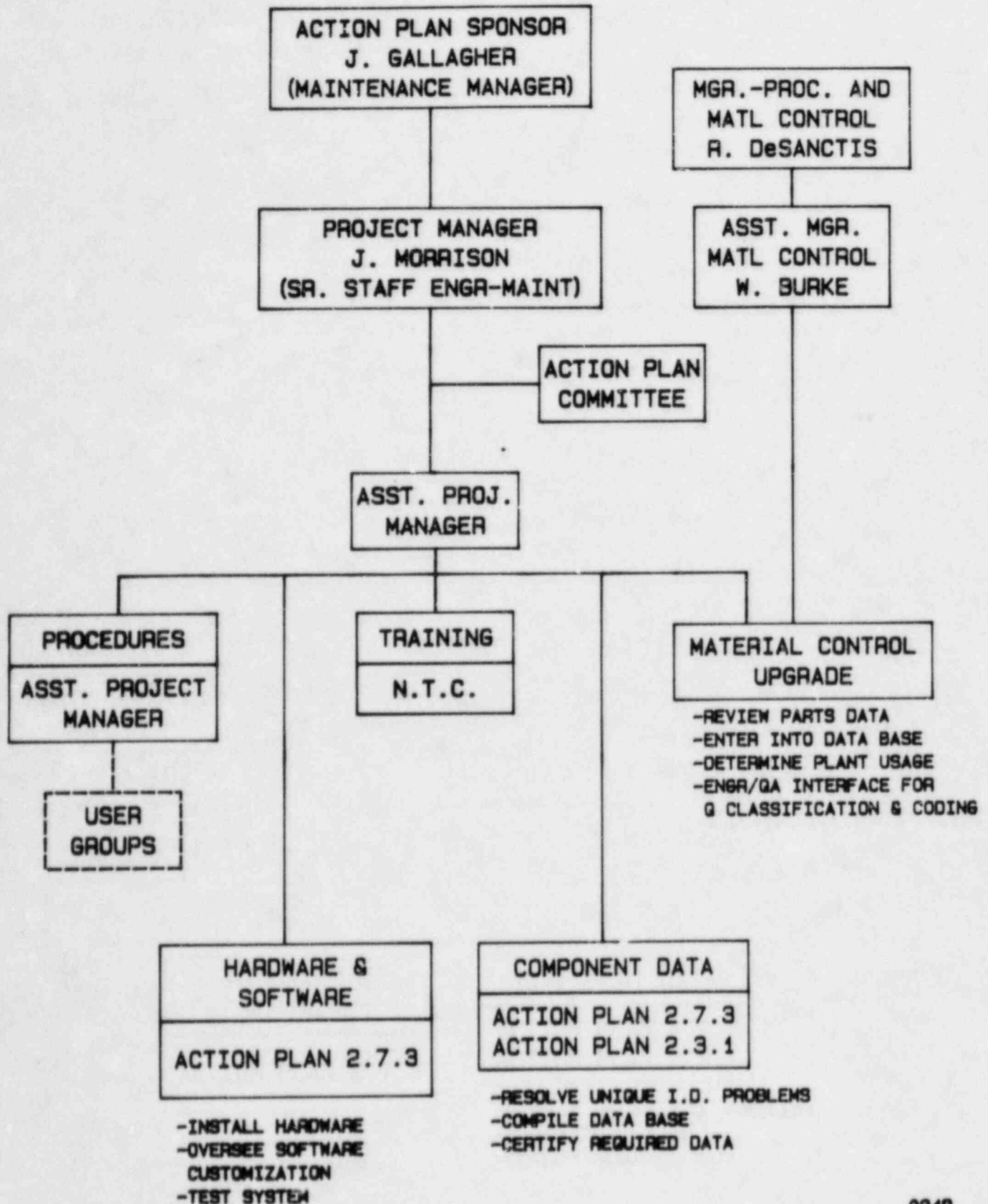
Corporate Material Management, Procurement, and
Accounting Systems

Outage Planning

ELEMENTS OF THE PROJECT (Cont'd)

8. Submit recommendations for approval –
Implement recommendations
9. Revise or write procedures to control
use of the managed maintenance program
10. Develop and implement training program
11. Integrate the managed maintenance
program with the configuration management
system (Action Plans 2.3.1 and 2.3.2)
12. Assess staffing requirements for enhanced
program

PROJECT ORGANIZATION (IMPLEMENTATION PHASE)



III. SUMMARY

- Better coordination and scheduling of work
- Readily available source of component and spare parts data
- Improved management reporting
- Improved support and control of the preventive maintenance program
- Improved support of equipment failure analysis and corrective action
- Improved tracking of Tech. Spec. related work and retesting requirements
- Better inventory control
- Improved procurement system

SALEM GENERATING STATION

ACTION PLAN 2.6.3

REDUCE THE NUMBER
OF BACKLOGGED NON-OUTAGE
MAINTENANCE WORK ORDERS

PRESENTED BY: JOHN GALLAGHER
MAINTENANCE MANAGER
SALEM GENERATING STATION
MAY 18, 1984

OBJECTIVES OF THE PRESENTATION

I. BASIS OF PROGRAM

II. ELEMENTS OF THE PROJECT

III. FUTURE

I. BASIS OF PROGRAM

To reduce the number of Maintenance Dept. backlogged non-outage work orders and provide a system to maintain the backlog at a reasonable level

SALEM STATION WORK ORDER PRIORITIES

A— Emergency

B— Potential Load Reduction — Start As
Soon As Possible

S— Personnel Safety

P— Non—outage Preventive Maintenance

C+— Equipment Related

C— Convenience

E— Outage Preventive Maintenance

R— Outage Required Repair

O— Outage/Refueling

II. ELEMENTS OF THE PROJECT

Action 1. Delineate & classify backlogged work orders

Action 2. Evaluate work order backlog history

Action 3. Plan each non-outage work order to include (scope, procedural requirements, manpower, tools, etc.)

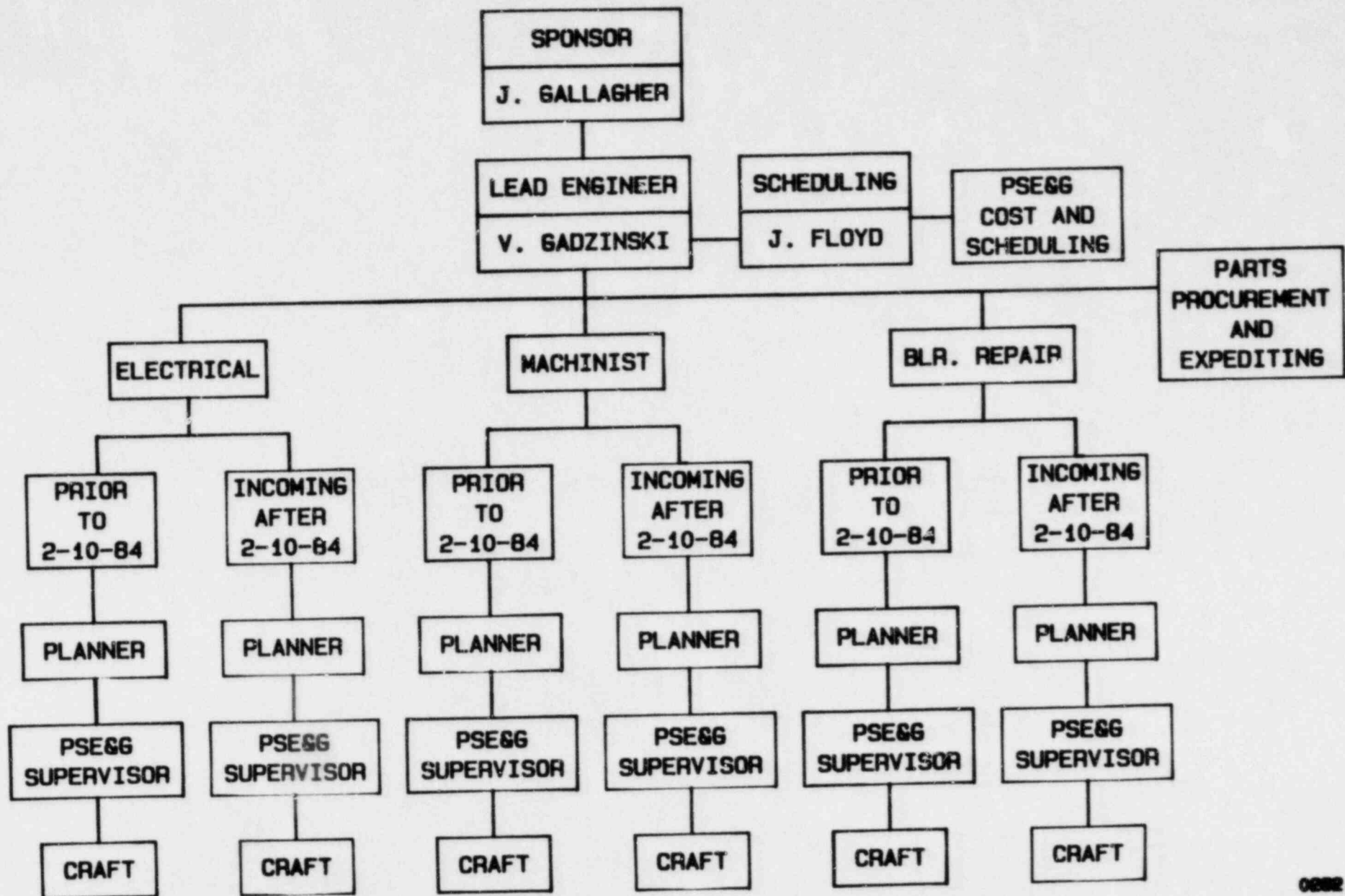
Action 4. Determine which corrective work orders can be cascaded

Action 5. Develop a resources loaded schedule

Action 6. Monitor backlog reduction efforts

Action 7. Assess department manpower resources requirements, to minimize or limit future backlogs

PROJECT ORGANIZATION



TOTAL CRAFT INCLUDING CONTRACTOR AND PSE&G - 55

SALEM GENERATING STATION
Maintenance Department 2.6.3 Report

May 14, 1984

Prior to 2-10-84

	*****UNIT#1*****				*****UNIT#2*****				*****UNIT#C*****				GRAND
	C+	C	P	TOTAL	C+	C	P	TOTAL	C+	C	P	TOTAL	TOTAL
Electrician	12	22	13	47	21	13	7	41	18	19	11	48	136
Machinist	3	5	7	15	8	6	9	23	11	5	0	16	54
Boiler Repair	27	33	10	70	27	28	8	63	15	33	13	61	194
TOTAL	42	60	30	132	56	47	24	127	44	57	24	125	384

AFTER 2-10-84

	*****UNIT#1*****				*****UNIT#2*****				*****UNIT#C*****				GRAND
	C+	C	P	TOTAL	C+	C	P	TOTAL	C+	C	P	TOTAL	TOTAL
Electrician	11	12	6	29	21	20	1	42	16	6	12	34	105
Machinist	11	4	5	20	11	6	11	28	4	3	3	10	58
Boiler Repair	18	30	9	57	31	39	11	81	7	13	1	21	159
TOTAL	40	46	20	106	63	65	23	151	27	22	16	65	322

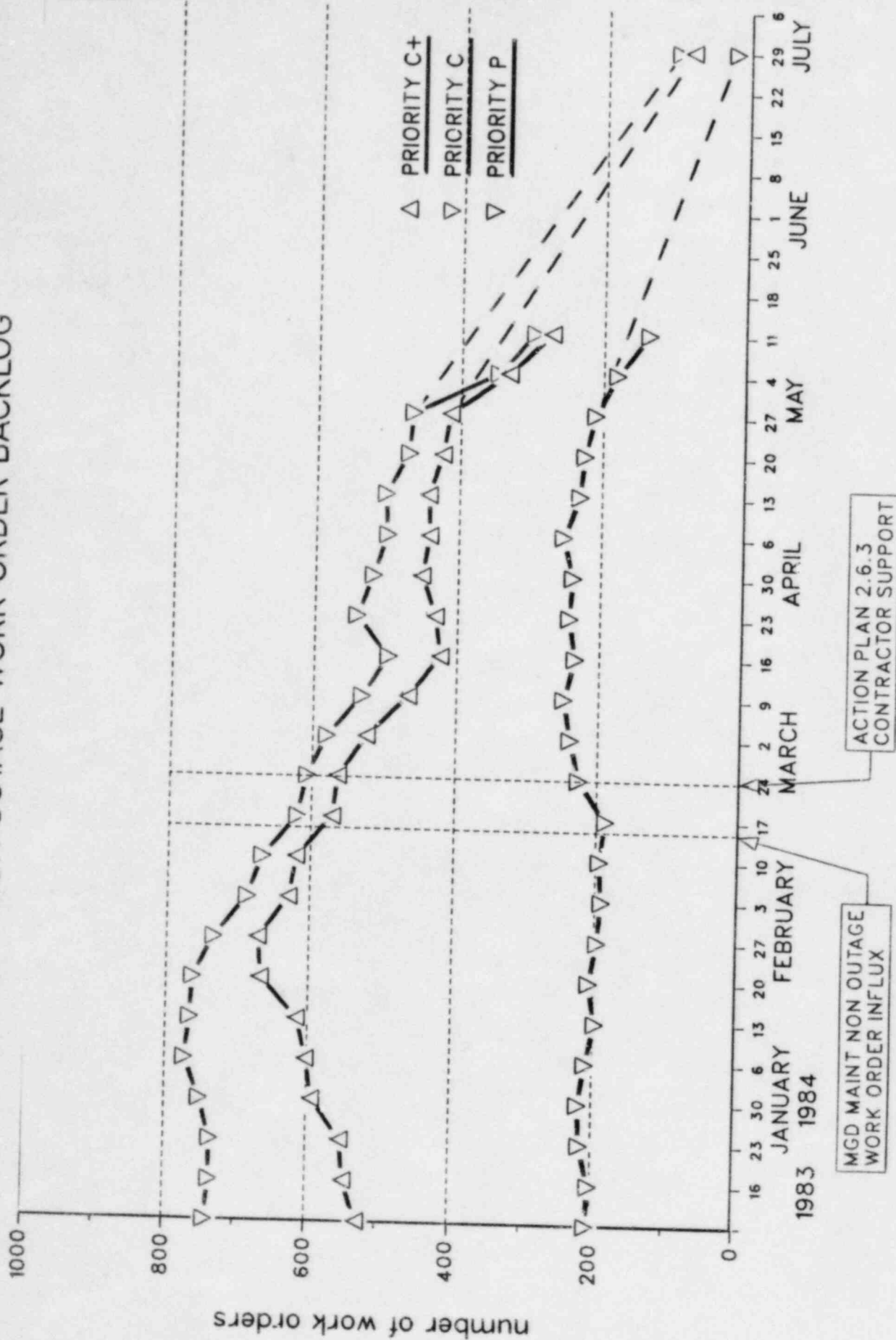
WORK ORDER STATUS SUMMARY

Prior to 2/10/84

Post 2/10/84

	BR	E	M	BR	E	M
Ready to Work	92	48	21	66	43	26
Prestaging	41	5	7	18	1	7
Hold for Parts	61	29	19	13	5	5
Engineering Hold	2	4	0	1	0	0
To Be Planned	3	44	7	57	54	20

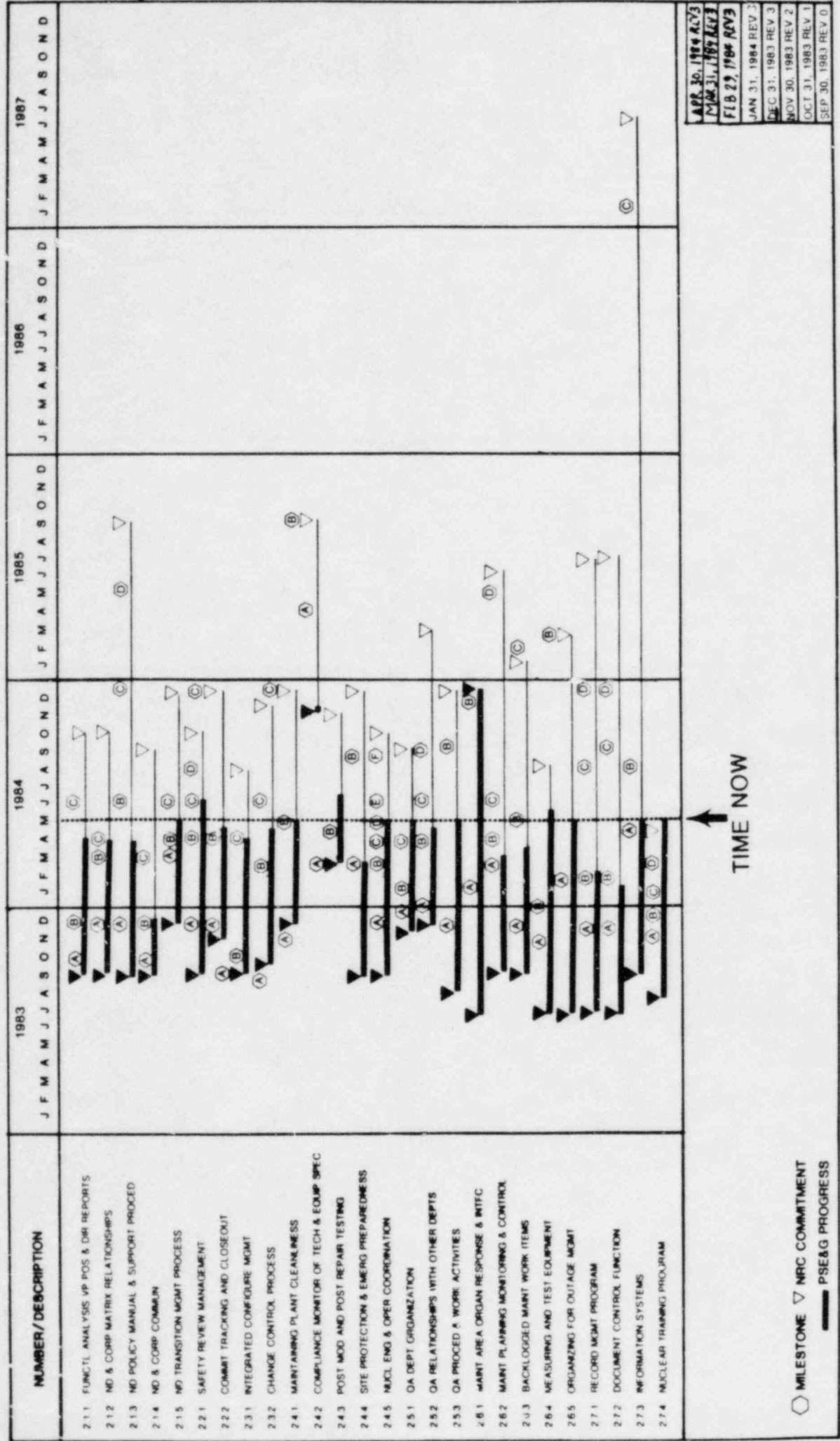
SALEM GENERATING STATION MAINTENANCE DEPARTMENT NON OUTAGE WORK ORDER BACKLOG



FUTURE





1. Immediate Goal: To reduce the backlog of work orders to 200 by 6-30-84
2. To develop an improved non-outage scheduling process
3. Apply backlog indicators to determine corrective action
 - A. INPO graph of backlog
 - B. Continue use of 2.6.3 weekly report
 - C. Weekly backlog graph

PSE&G ACTION PLAN SCHEDULE



PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984



ACTION PLAN	Functional Analysis of VP Position and Direct Reports	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.1.1													
SPONSOR	R. Burricelli	9/83	9/83	9/83	9/83	6/84	10/84		10/84	952	952	545	57.2




ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.1.1.1	Investigate relevant Nuclear Department functions	9/83	9/83	10/83	10/83	 10/83
2.1.1.2	Identify specific corporate role functions	9/83	9/83	11/83	11/83	
2.1.1.3	Assess VPN/Direct Reports, time & work loads	11/83	10/83	12/83	11/83	
2.1.1.4	Facilitate procedural and structural change discussions	12/83	11/83	2/84	1/84	 12/83
2.1.1.5	Complete procedural and structural changes (NEW)	2/84	2/84	6/84		
2.1.1.6	Six month follow-up assessment of changes	10/84		10/84		 6/84

ACCOMPLISHMENTS

Provided staff work on preliminary organizational realignment chart, position analysis drafts on relevant positions, preliminary 2.1.1 tasks and schedule chart, and draft of organizational realignment rationale. Met with relevant managers to discuss personnel issues and other decision points.

ACTION PLAN	ND and Corporate Matrix Relationships	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.1.2													
SPONSOR	R. Burricelli	9/83	9/83	9/83	9/83	6/84	8/84		10/84	1474	1474	815	55.2

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.1.2.1	Conduct interviews to determine specific matrix issues:					
	2.1.2.1a - Human Resources	9/83	9/83	10/83	10/83	
	2.1.2.1b - Purchasing	2/84	10/83	2/84	10/83	
	2.1.2.1c - Public Relations	2/84	2/84	2/84	2/84	
2.1.2.2	Conduct matrix issue problem-solving sessions in public relations	3/84	3/84	4/84	4/84	
2.1.2.3	Implementation activities for Public Relations matrix	3/84	3/84	6/84		
2.1.2.4	Vice President - Nuclear & VP-Public Relations sign-off	7/84		7/84		 4/84
2.1.2.5	Recommend policy changes required by 2.1.2.4	8/84		8/84		
2.1.2.6	Follow-up assessment of Public Relations matrix					
2.1.2.7	Review corporate policies regarding:					
	2.1.2.7a - Human Resources	9/83	9/83	10/83	10/83	
	2.1.2.7b - Purchasing	1/84	10/83	1/84	1/84	
2.1.2.8	Conduct <u>problem solving sessions</u> in Human Resources matrix	11/83	9/83	12/83	1/84	






ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.1.2.9	Conduct problem solving <u>discussions</u> regarding:					
	2.1.2.9a - Human Resources matrix	11/83	9/83	12/83	1/84	
	2.1.2.9b - Purchasing matrix	1/84	10/84	2/84	3/84	
2.1.2.10	Document procedures and coordination agreements					
	2.1.2.10a - Human Resources matrix	11/83	11/83	1/84	1/84	 12/83
	2.1.2.10b - Purchasing matrix	3/84	11/83	3/84	3/84	 3/84
2.1.2.11	Incorporate agreements into policy					
	2.1.2.11a - Human Resources matrix	11/83	11/83	12/83	2/84	
	2.1.2.11b - Purchasing	3/84	3/84	3/84	3/84	

ACCOMPLISHMENTS

Interviewed managers on relationship between Public Information matrix and Emergency Plan procedures, implementation and management of Public Information function. Conducted matrix issue problem-solving session in Public Relations area, specifically, the Public Information function. Developed rough draft of Public Relations/Nuclear Public Affairs matrix report.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	ND Policy Manual and Supporting procedures	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.1.3													
SPONSOR	R. Gehret	9/83	9/83	9/83	9/83	5/85	5/85		9/85	27360	27360	7,893	28.8





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.1.3.1	Establish procedures development team	9/83	9/83	9/83	9/83	
2.1.3.2	Assess procedural requirements/needs	10/83	10/83	11/83	11/83	
2.1.3.3	Prepare procedural plan and schedule	11/83	11/83	12/83	12/83	 12/83
2.1.3.4	Approval and implementation of procedural plans	11/83	11/83	6/84		 6/84
2.1.3.5	Assess department manual requirements/needs for modifications	3/84	3/84	7/84		
2.1.3.6	Assign personnel to write/modify procedures	4/84		11/84		 11/84
2.1.3.7	Follow up assessment and report of conclusions	5/85		5/85		 5/85

ACCOMPLISHMENTS

Discussed topical list with the Manager - Nuclear Support and reached agreement on philosophy. Submitted two VPN Procedures to the Vice President - Nuclear for approval. Continued issuing draft procedures for review and concurrence.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	ND and Corporate Communications	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.1.4													
SPONSOR	R. Burricelli	9/83	9/83	9/83	9/83	3/84	7/84		9/84	119	119	92	77.3






ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.1.4.1	Identify formal and informal corporate and ND communications channels	9/83	9/83	10/83	10/83	 10/83
2.1.4.2	Assess critical gaps and overlaps	9/83	9/83	10/83	10/83	
2.1.4.3	Facilitate problem-solving discussions	5/84		6/84		
2.1.4.4	Sr. VP presents results/new agreement to Management Group	6/84		7/84		 12/83
2.1.4.5	Assess effectiveness of procedural changes - prepare final report	7/84		7/84		 3/84

ACCOMPLISHMENTS

Awaiting decision points on Action Plan 2.1.1.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	ND Transition Management Process	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.1.5													
SPONSOR	R. Burricelli	12/83	12/83	12/83	12/83	6/84	6/84		11/84	482	482	116	24.0






ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.1.5.1	Establish organization development position	12/83	12/83	6/84		 C 6/84
2.1.5.2	Establish a transition management team	3/84	3/84	3/84	3/84	 A 3/84
2.1.5.3	Prepare charter for transition management team	4/84	4/84	5/84	4/84	 B 4/84
2.1.5.4	Conduct orientation/team building session for transition management team	6/84		6/84		 C 6/84
2.1.5.5	OD staff person prepare for and facilitate transition management team meetings	6/84		Ongoing		

ACCOMPLISHMENTS

Facilitated Manager's Dialogue Session. Assisted in personnel search for organization development consultant. Interviewed internal candidate for organization development consultant position. Prepared charter for transition management team.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Safety Review Management	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.2.1													
SPONSOR	P. M. Krishna	9/83	9/83	9/83	9/83	8/84	8/84		10/84	3354	3354	1,012	30.1




ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.2.1.1	Evaluate program objectives, organization and procedural functions. Review safety review programs of selected utilities	9/83	9/83	12/83	1/84	 A	12/83
2.2.1.2	Determine organizational roles in S.R.M.	11/83	11/83	1/84	1/84		
2.2.1.3	Determine areas of improvement	1/84	1/84	3/84	2/84		
2.2.1.4	Conduct workshop for key personnel, if necessary	3/84	2/84	4/84	3/84	 B	4/84
2.2.1.5	Recommendations and implementation schedule	4/84	3/84	6/84	3/84	 C	6/84
2.2.1.6	After obtaining management approval implement the recommendations. (A workshop for affected organizations may be needed to prepare Tech. Spec. changes, identification of changes to procedures and training needs, if any).	6/84		8/84 *		 D	8/84
2.2.1.7	Periodic evaluations of effectiveness of program	Follow up assessment					

* Action Plan 2.2.1 would be considered complete upon submission of the License Change Request to the NRC. Development of detailed procedures and conduct of any training that may be needed will be done upon receipt of approval of the LCR from NRC as part of the Company's normal work activity.

ACCOMPLISHMENTS

Management review of draft report and recommendations is continuing.

ACTION PLAN	Commitment Identification, Tracking and Closeout	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.2.2													
SPONSOR	E. Liden	9/83	9/83	9/83	11/83	12/84	7/84		12/84	4220	2,604	733	28.1

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.2.2.1	Assign Commitment Improvement Coordinator (CIC) to be responsible for program	9/83	9/83	9/83	9/83	
2.2.2.2	Establish Management Advisory Group to provide direction to the CIC	9/83	9/83	11/83	11/83	 11/83
2.2.2.3	Identify existing commitment types & tracking systems	12/83	12/83	2/84	2/84	
2.2.2.4	Conduct interviews to determine purpose, use of information, procedures for existing tracking systems; perform needs analysis for each	2/84	2/84	3/84	2/84	
2.2.2.5	Assess overall commitment tracking needs for Nuclear Department	3/84	3/84	5/84		 4/84
2.2.2.6	Determine the type of system(s) needed; prepare specifications	3/84	3/84	5/84		
2.2.2.7	Assess available systems that meet requirements	5/84	3/84	6/84		
2.2.2.8	Evaluate how well commitments are being met using existing systems	3/84	3/84	5/84		
2.2.2.9	Identify individuals who make commitments to NRC	11/83	2/84	2/84	2/84	
2.2.2.10	Interview individuals to ascertain commitment making responsibility	1/84	2/84	3/84	2/84	





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.2.2.11	Evaluate results of interviews; recommend improvements	3/84	3/84	5/84		B 4/84
2.2.2.12	Develop consolidated commitment program, procedures, training	5/84		7/84		C 12/84
2.2.2.13	Review effectiveness of program	Follow-up assessment				

ACCOMPLISHMENTS

Action Plan items 2.2.2.5, .6, .7, .8 and .11 are in progress. Reviewed draft commitment management evaluation report in preparation for May 8, 1984 Management Advisory Group meeting.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Integrated Configuration Management	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.3.1													
SPONSOR	D. Jagt	9/83	9/83	9/83	9/83	8/84	8/84		8/84	4424	2200	1,778	80.8

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.3.1.1	Establish Management Advisory Group (MAG)	9/83	9/83	9/83	9/83		9/83
2.3.1.2	MAG develop goals & specific elements of program	10/83	10/83	10/83	10/83		10/83
2.3.1.3	MAG evaluate effectiveness of current procedures	10/83	10/83	12/83	1/84		
2.3.1.4	Evaluate synergistic effect of existing program	12/83	1/84	2/84	2/84		
2.3.1.5	Prepare action plans and scope documents	1/84	1/84	3/84			
2.3.1.6	Prepare formal recommendations and implementation schedule	2/84	3/84	5/84			4/84
2.3.1.7	Obtain management approval and implement approved program	4/84		8/84			
2.3.1.8	Periodic reviews to evaluate effectiveness						





Follow-up assessment

ACCOMPLISHMENTS

Management Advisory Group (MAG) meeting addressed interfaces with Outage Management Action Plan. DCP Guidance Report finalized and issued to MAG. Continued work on Action Plans - Management Report. Work on establishing an unique component identification system continues.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Change Control Process	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.3.2													
SPONSOR	D. Jagt	9/83	9/83	9/83	10/83	8/84	11/84		11/84	4200	3300	2,668	80.8





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.3.2.1	Management Advisory Group to direct this activity	9/83	9/83	9/83	9/83		9/83
2.3.2.2	Consultant to assess design change process	10/83	10/83	4/84	4/84		3/84
2.3.2.3	Present recommendations to MAG	3/84	1/84	4/84	4/84		
2.3.2.4	Develop implementation program and schedule	2/84	1/84	6/84			6/84
2.3.2.5	Obtain Mgmt. approval - implement program	4/84		11/84			
2.3.2.6	Review effectiveness of program annually	Ongoing					

ACCOMPLISHMENTS

Management Advisory Group (MAG) meeting addressed interfaces with Outage Management Action Plan. DCP Guidance Report finalized and issued to MAG. Continued work on Action Plans - Management Report. Work on establishing an unique component identification system continues.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Maintaining Plant Cleanliness	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	EASE	CURR. EST.	ACTUAL	% COMP.
2.4.1													
SPONSOR	L. Fry	9/83	9/83	9/83	12/83	12/84	8/84		12/84	18311	16,450	6,144	37.3




ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.4.1.1	Organize "Plant Pride Cleanup Program"	9/83	9/83	12/83	12/83	 A 12/83
2.4.1.2	Develop "team building" program	12/83	12/83	5/84		
2.4.1.3	Develop plan to maintain upgraded cleanliness	9/83	9/83	8/84		 C 12/84
2.4.1.4	Analyze resources required to assure implementation	9/83	9/83	8/84		
2.4.1.5	Obtain ND management approval for program	12/83	12/83	5/84		 B 5/84
2.4.1.6	Make procedural revisions to support program	12/83	2/84	6/84		

ACCOMPLISHMENTS

Held AP-31 revision meeting. Completed TGA#2 insulation job (contractors). Installed new shelves in Maintenance Department storage cages (RAPPA). Continued department housekeeping procedure development (Health Physics, Maintenance, Technical). Worked in Maintenance Department cages (Maintenance). Continued Training module development (Training). Continued Action Plan administration (Operations).

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Compliance Monitoring of Technical and Equipment Specifications	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.4.2													
SPONSOR	L. Miller	11/84	4/84		11/84	9/85	3/85		9/85	2056	2056	81	3.9




ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.4.2.1	Review merits of establishing cognizant engineer position	4/84	4/84	4/84		
2.4.2.2	Assure existing methods are incorporated into procedures and programs	5/84	4/84	6/84		
2.4.2.3	Assess methods for monitoring specification compliance	6/84		11/84		 4/85
2.4.2.4	Implement appropriate corrective actions	11/84		3/85		 9/85

ACCOMPLISHMENTS

Prepared a plan/schedule for coordinating the four Action Plan activities. Continued review of reference materials and meeting with key personnel within the Salem organization. Identified reference material that must be gathered and meetings with other key people in groups outside the Salem organization (i.e., Licensing, Engineering Control). Established an interface with the Maintenance staff supervisor to facilitate coordination of Action Plan 2.4.2 with the Action Plan associated with the Maintenance Management System. Submitted the Action Plan Activity Completion Criteria sheets to the Technical Manager for review.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Post Modification/ Post Repair Testing	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.4.3													
SPONSOR	F. Meyer	1/84	10/83	10/83	3/84	5/84	6/84		11/84	402	452	411	90.9


ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.4.3.1	Organize working group to review requirements engineer position	1/84	10/83	5/84	1/84		5/84
2.4.3.2	Assure adequacy of development, review, approval process	11/83	11/83	2/84	1/84		
2.4.3.3	Evaluate merits of combining responsibilities of program in ND	11/83	11/83	12/83	12/83		
2.4.3.4	Report findings and recommendations to Management	2/84	12/83	6/84			3/84

ACCOMPLISHMENTS

MOIC to obtain contractor to prepare complex data base was approved. Quotation letter scheduled to be sent.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Site Protection and Emergency Preparedness	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.4.4													
SPONSOR	P. Moeller	1/84	1/84	1/84	9/83	9/84	10/84		12/84	4036	4036	3,740	92.6

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	

2.4.4.1 Review separately:

A) Emergency Preparedness

1/84

1/84

4/84

4/84



3/84

B) Personnel Safety

1/84

1/84

4/84

4/84



9/84

C) Fire Protection

1/84

1/84

4/84

4/84



3/84

D) Plant Security

1/84

1/84

4/84

4/84



3/84

2.4.4.2 Recommendations for Policy & Procedures Revision

4/84

5/84



9/84

2.4.4.3 Approval of recommendations - implementation






5/84

10/84

ACCOMPLISHMENTS

All tasks in all areas have been defined against functional requirements. Outside interviews have been completed. The defining of tasks and analyzing task interactions and synergies (Management Analysis) have been completed. A draft of the final report has been prepared and is presently being finalized. Implementation recommendations are being developed and will be presented with the final report.

ACTION PLAN	Nuclear Engineering and Operations Coordination	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.4.5													
SPONSOR	J. T. Boettger	9/83	9/83	7/83	9/83	10/84	10/84		10/84	4848	4848	1,822	37.5

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.4.5.1	Expediently staff open supervisory positions	9/83	7/83	9/84			
A	Identify priority engineering positions required and obtain management approval for new positions	9/83	7/83	11/83	9/83		
B	Prepare and implement a hiring program including a "job fair"	9/83	8/83	12/83	11/83		
C	Process applications, conduct interviews and make offers to qualified personnel	ONGOING		ONGOING			
D	Fill 25% of the priority engineering positions	9/83	7/83	12/83	12/83		12/83
E	Fill 50% of the priority engineering positions	9/83	7/83	3/84	3/84		3/84
F	Fill 75% of the priority engineering positions	9/83	7/83	6/84			6/84
G	Fill 100% of the priority engineering positions	9/83	7/83	9/84			9/84
2.4.5.2	Develop new hire orientation program	1/84	1/84	3/84	3/84		
A	Identify topic areas to be included in Orientation Program via meetings with Managers and Assistant Managers	1/84	1/84	2/84	1/84		
B	Arrange topic areas into a consistent program and determine optimal methods of presentation	2/84	1/84	2/84	2/84		





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
C	Review program outline with cross-section of recent hires. Revise as necessary	2/84	2/84	2/84	2/84		
D	Identify resource requirements for implementation. Obtain approval and secure	2/84	2/84	2/84	2/84		
E	Develop program plan, including text of presentations, handout material	2/84	3/84	3/84	3/34		
F	Implement program for new and recent hires	4/84	4/84	Ongoing			
2.4.5.3	Plan and conduct interviews with Group Heads and Supervisors to identify bases for Team Building	10/83	10/83	2/84	2/84		
2.4.5.4	Conduct Team Building Sessions for Managers	2/84	2/84	3/84	3/84		
2.4.5.5	Assess results of team building sessions and prepare report with recommendations	3/84	3/84	4/84	4/84	C	4/84
2.4.5.6	Management approval	5/84		5/84		D	5/84
2.4.5.8	Evaluate effectiveness of program-GM sponsored	6/84		9/84			
2.4.5.9	Review MIS for status tracking	1/84	1/84	5/84			
2.4.5.10	Implement approved MIS System	This sub-item is considered closed since other Action Plans will encompass this subject.					

ACCOMPLISHMENTS

Most of the following activity resulted from an open house planned by the Personnel Department and held at the Training Center on April 28th: 218 resumes received, 77 interviews conducted; three offers made. Orientation of new hires was completed. IMPROVE NUCLEAR ENGINEERING MIS INFORMATION SYSTEMS: Review of programs conducted for other Action Plans in area of MIS indicates that the integrated solutions which will result from those Action Plans will encompass the needs foreseen for this Action Plan. The results of the various interviews and team building meetings between Station and Nuclear Engineering personnel were compiled into a report that was presented to the General Managers and Assistant General Managers of Nuclear Support and Salem Operations.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	QA Department organization	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.5.1													
SPONSOR	C. Johnson	10/83	10/83	10/83	11/83	4/84	4/84		9/84	1984	1984	1,855	93.4






ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.5.1.1	Staff open positions	10/83	10/83	4/84	4/84		4/84
2.5.1.2	Team Building with direct reports to identify priority concerns	11/83	10/83	11/83	11/83		
2.5.1.3	Meeting with VPN to discuss priority concerns	11/83	11/83	12/83	12/83		12/83
2.5.1.4	Team Building with all supervisors to resolve priority concerns	1/84	1/84	2/84	2/84		2/84
2.5.1.5	QAM to conduct follow-up actions	2/84	2/84	3/84	3/84		
2.5.1.6	Study relocating all QA functions together	12/83	12/83	12/83	12/83		
2.5.1.7	Expedite relocation of all QA Department personnel to site	Complete			10/83		
2.5.1.8	Evaluate QA Manager and staff and responsibilities	2/84	2/84	2/84	2/84		
2.5.1.9	QA Manager to assess total QA personnel requirements	3/84	12/83	4/84	12/83		
2.5.1.10	Revise QA charter and organization - obtain approval	3/84	3/84	4/84	3/84		

ACCOMPLISHMENTS

Interviewing of personnel for open positions is continuing. Assembling documents for close out of this Action Plan.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	QA Relationships with other Departments	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.5.2													
SPONSOR	C. Johnson	12/83	12/83	12/83	12/83	9/84	9/84		3/85	1540	1540	726	47.1





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.5.2.1	Meeting with other Department General Managers for feedback, concerns, clarification of jurisdictional scopes	12/83	12/83	4/84	4/84	 B	4/84
2.5.2.2	Meeting with Plant Betterment Contractor to clarify and improve interface	12/83	1/84	1/84	1/84	 A	1/84
2.5.2.3	Review responsibilities for attendance at NRC exit interviews	5/84	2/84	6/84	3/84		
2.5.2.4	Identify concerns relative to acceptability standards, review/approval and interface responsibilities	4/84		6/84		 C	6/84
2.5.2.5	Meet with VPN and Direct Reports to resolve remaining concerns	8/84		9/84		 D	9/84

ACCOMPLISHMENTS

Conducted final session of Team Building meeting of QA and Nuclear Services on April 4, 1984. Meeting of QA and Methods and Administration held on April 30, 1984. Issued minutes of meeting of QA and Nuclear Services. Next meeting with Catalytic scheduled for May 10, 1984.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	QA Procedures and work Activities	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.5.3													
SPONSOR	C. Johnson	5/83	5/83	5/83	8/83	9/84	9/84		12/84	6056	6056	3,926	64.8




ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.5.3.01	Initial Re-draft of QA Procedures	5/83	5/83	12/83	11/83	 12/83
2.5.3.1	Resolve comments and prepare QA Manual	12/83	12/83	8/84	1/84	
2.5.3.2	Workshop - understanding of responsibilities	1/84	1/84	9/84		 9/84
2.5.3.3	Develop uniform Deficiency Report (DR) system	3/84	3/84	9/84		 9/84

ACCOMPLISHMENTS

Revisions to QA Manual in progress. Administrative Procedures 9 and 11 are being revised. Draft Trend Analysis Program comments are being received.

PSEL&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Organizational Responsibilities and Interfaces in the Maintenance Area	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.6.1		7/83	7/83	7/83	7/83	12/84	3/84	3/84	12/84	3297	2032	2,032	100.0
SPONSOR	H. Midura												





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.6.1.1	Review group evaluate maintenance organization responsibilities	7/83	7/83	8/83	8/83	
2.6.1.2	Develop Maintenance Management Organization Plan	8/83	8/83	2/84	2/84	 2/84
2.6.1.3	Detailed items finalized in Plan	9/83	9/83	2/84	3/84	
2.6.1.4	Instruction of personnel in Maintenance Management Plan implementation	3/84	3/84	8/84	3/84	 12/84
2.6.1.5	Monitor plan implementation	3/84	3/84	8/84	3/84	




ACCOMPLISHMENTS

Action Plan 2.6.1 approved by the Vice President - Nuclear. Close out process has started.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Maintenance Planning, Monitoring and Control	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.6.2													
SPONSOR	J. Gallagher	9/83	9/83	9/83	9/83	2/85	5/85		6/85	15716	17,156	3,907	22.7

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.6.2.1	Analyze requirements for Managed Maint. Program	9/83	9/83	3/84	3/84	 3/84
2.6.2.2	Review existing systems and potential consolidation	12/83	12/83	3/84	3/84	
2.6.2.3	Examine merits of non-outage scheduling Program	1/84	1/84	3/84	3/84	
2.6.2.4	Evaluate integration of non-outage P&S	1/84	1/84	3/84	3/84	
2.6.2.5	Determine how identified informational needs are obtained	1/84	1/84	3/84	3/84	
2.6.2.6	Analyze Hardware/Software requirements	1/84	1/84	6/84		
2.6.2.7	Submit recommendations for approval and implement approved recommendations	3/84	3/84	4/85		
2.6.2.8	Revise or write procedures for Maint. W/O info.	6/84		4/85		 6/84
2.6.2.9	Develop and implement Training Program	10/84		4/85		
2.6.2.10	Establish program to update RAMPS into Conf. Mgmt. System	1/84	1/84	9/84		 6/84





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.6.2.11	Update Warehouse Support portions of Managed Maintenance Program	9/83	1/84	5/85		 5/85
2.6.2.12	Assess staffing requirements for enhanced program	6/84		1/85		 4/84

ACCOMPLISHMENTS

Continued Spare Parts Upgrade effort. Visited three plants to evaluate computerized Managed Maintenance Programs.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Backlogged Maintenance Work Items	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.6.3													
SPONSOR	J. Gallagher	9/83	9/83	9/83	9/83	1/85	1/85		1/85	67116	67376	23,487	34.8

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.6.3.1	Delineate and classify backlogged W/O	9/83	9/83	10/83	10/83	
2.6.3.2	Evaluate work order backlog History	10/83	10/83	5/84		 12/83
2.6.3.3	Review non-outage W/O scope, schedule	10/83	10/83	9/84		 5/84
2.6.3.4	Determine which corrective W/O can be cascaded	2/84	2/84	5/84		
2.6.3.5	Develop resource loaded schedule	4/84	11/83	1/85		 1/85
2.6.3.6*	Monitor backlog reduction efforts	Ongoing		7/84		
2.6.3.7	Assess department manpower resources requirements	10/83	10/83	1/85		





* Activity 6 will be monitored until completion of 2.6.3 and will continue after completion.

ACCOMPLISHMENTS

Continued activities 3 and 5 as outlined. Contract Supervisor and Craft continued implementing activity 5 in the field.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Measuring and Test Equipment	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.6.4													
SPONSOR	F. Meyer	9/83	9/83	9/83	7/83	1/84	4/84		8/84	256	406	353	86.9




ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.6.4.1	a) Organize a working group	9/83	9/83	9/83	9/83	
	b) Review existing procedures	9/83	9/83	11/83	11/83	
	c) Review existing facilities	11/83	11/83	12/83	1/84	
	d) Make recommendations	12/83	12/83	4/84	4/84	 B 1/84
2.6.4.2	Assess assignment of responsibility to one organization	9/83	9/83	11/83	11/83	 A 11/83
2.6.4.3	Increased monitoring by QA	Included in 2.5.3.1				
2.6.4.4	Review training program - Revise as necessary	10/83	10/83	1/84	1/84	 B 1/84

ACCOMPLISHMENTS

Final report out for QA completion review.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Planning, Monitoring and Control for Outage Management	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.6.5													
SPONSOR	H. Midura	7/83	7/83	7/83	7/83	2/85	2/85		4/85	2268	2268	1,127	49.5






ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.6.5.1	Establish working group - Prepare recommendations	7/83	7/83	8/83	8/83		
2.6.5.2	Management Review of Organizational Structure - for managing Outage Functions	8/83	8/83	8/83	8/83		
2.6.5.3	Develop a plan and schedule to implement outage management organization	8/83	8/83	2/84	2/84		2/84
	Implement strengthened outage management organization	3/84	3/84	2/85			4/85

ACCOMPLISHMENTS

Outage Management Plan and Implementation Schedule has been approved by the Vice President - Nuclear. Implementation has started. Consultant on board.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Records Management Program	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CJRR. EST.	ACTUAL	NRC	BASE	CJRR. EST.	ACTUAL	NRC	BASE	CJRR. EST.	ACTUAL	% COMP.
2.7.1													
SPONSOR	R. Gehret	7/83	7/83	7/83	7/83	8/84	12/84		7/85	8112	8112	2,369	29.2






ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.7.1.1	Study existing program-make recommendations	7/83	7/83	9/83	9/83		
2.7.1.2	Establish working group-prepare implementation plan	9/83	9/83	11/83	12/83		
2.7.1.3	Obtain Mgmt. approval for Plan & Schedule	10/83	12/83	3/84	3/84		12/83
2.7.1.4	Develop funct. spec. R.M. retrieval system	11/83	11/83	5/84			2/84
2.7.1.5	Prepare procedures and system documentation	12/83	11/83	8/84			
2.7.1.6	Install upgraded records retrieval system	7/84		8/84			8/84
2.7.1.7	Upgrade facilities and equipment as necessary	8/84		9/84			
2.7.1.8	Update records retention schedules	9/84		9/84			
2.7.1.9	Develop training program	10/84		11/84			
2.7.1.10	Routine audits for compliance	11/84		12/84			12/84

ACCOMPLISHMENTS

Consultant started allocating computer space to support our operation. Submitted personnel requisitions to hire people. Continued working on the Record Type List for Nuclear Department. Conducted initial training on use of STAIRS System on consultant's computer. Initial draft of procedures are out for comment.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984

ACTION PLAN	Document Control Function	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.7.2													
SPONSOR	R. Gehret	7/83	7/83	7/83	7/83	12/84	12/84		7/85	5080	5080	2,503	49.2






ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.7.2.1	Analyze existing Document Control and make recommendations for upgrading	7/83	7/83	9/83	9/83	
2.7.2.2	Prepare integrated DC implementation plan	9/83	9/83	3/84		
2.7.2.3	Mgmt. approval-implementation plan & resources	1/84	1/84	5/84		 12/83
2.7.2.4	Develop functional specs for Integrated DC program	11/83	11/83	4/84	4/84	 2/84
2.7.2.5	Procedures and system documentation	4/84	4/84	9/84		 9/84
2.7.2.6	Identify and input change documents	1/84	1/84	9/84		
2.7.2.7	Assure Documents are current	6/84		9/84		
2.7.2.8	Develop training program	10/84		11/84		
2.7.2.9	Establish a continual internal audit function	11/84		12/84		 12/84

ACCOMPLISHMENTS

Held discussions with Engineering and Construction Department personnel relative to Hope Creek IDOC. Started to obtain management comments on preliminary recommendations. Received final report from consultants identifying current conditions and other recommendations.

PSE&G ACTION PLAN STATUS - MONTH ENDING APRIL, 1984










ACTION PLAN	Information Systems	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.7.3													
SPONSOR	R. Gehret	9/83	9/83	9/83	9/83	1/87	1/87		6/87	141936	141936	6,854	4.8

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.7.3.1	Establish working group and assess needs	9/83	9/83	9/83	12/83	
2.7.3.2	Develop rolling three year implementation plan	10/83	10/83	8/84		
	Development of a high level general design of information needs and relationships for an integrated MIS	3/84	3/84	4/84	4/84	 4/84
	Development of a detailed design which specifies at a functional level all the characteristics of an integrated MIS	5/84		8/84		 8/84
2.7.3.3	Management approval for plan, schedule, resources	9/84		9/84		
2.7.3.4	Assess technical staffing requirements	10/84		1/87		
2.7.3.5	Implement the data base info system	10/84		1/87		 1/87
2.7.3.6	Establish Management Controls	10/84		1/87		 1/87

ACCOMPLISHMENTS

Continuing on the development of the 2.7.3 integrated schedule. Prepared a general analysis on the Training Department Management Systems. Made recommendations to Training. Received concurrence from CSAS (Newark) to have a dedicated "host" IBM 3033 for the Nuclear Department. Proceeding with estimating capacity planning data to support this activity. Completed the system specification guidelines for all analysis documentation. Preparing contingency planning information for CSAS computers. Evaluated and made recommendations on the hardware/software request for a scheduling processor for Outage Management. Development of "DRAFT MIS GENERAL DESIGN" for our April 30, 1984 MILESTONE is complete. Two MIS representatives have gone on a field evaluation with Action Plan 2.6.2 representative for evaluation of software for Action Plans 2.6.2 and 2.7.3. Meeting was held between Hope Creek and MIS for continued effort on Response Tracking.

ACTION PLAN	Nuclear Department - Training	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.7.4													
SPONSOR	H. D. Hanson	8/83	9/83	8/83	8/83	4/84	4/84	4/84	4/84	2036	1,996	1,996	100

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET 
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.7.4.1	Staff key Nuclear Training Department positions. Staff all Department Head positions and 80% of Training Supervisor positions.	9/83	9/83	4/84	4/84	
	a) Authorize 1984 personnel level				12/83	 12/83
	b) Meet staffing goals				4/84	 4/84
2.7.4.2	Review Training Procedure "Plant Design Review Program for Salem Generating Station" (TP-306) and revise as necessary. Conduct a follow-up audit to ensure the procedure is effectively implemented.	10/83	10/83	4/84	4/84	
	a) Revised TP-306 issued				2/84	 2/84
	b) Audit implementation of revised procedures				4/84	 4/84
2.7.4.3	Establish a Nuclear Training Oversight Committee. Establish training review groups in each job area. Conduct a follow-up audit to ensure each group has met as scheduled	8/83	8/83	11/83	11/83	 11/83
2.7.4.4	Conduct a Training Needs Analysis for QA/QC personnel. Develop and implement QA/QC training programs based on this analysis	11/83	10/83	4/84	4/84	
	a) Consultant selected				12/83	 11/83
	b) Consultant review completed				1/84	 1/84
	c) Revised/upgraded training developed and presented as required				4/84	 4/84

ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET	
		SCHED.	ACTUAL	SCHED.	ACTUAL		
2.7.4.5	Evaluate the reassignment of QA/QC Training to the Nuclear Training Department	10/83	10/83	3/84	1/84		
	a) Conduct desk top analysis. Submit recommendation				1/84	B	12/83
	b) Act on recommendations as required				1/84	D	2/84

ACCOMPLISHMENTS

Close out documents submitted. Total of senior staff and offers was 82% on April 30, 1984. Implemented the first QC inspector training module.