

U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Report Nos. 50-272/84-30 and 50-311/84-29

Docket Nos. 50-272 and 50-311

License Nos. DPR-70 and DPR-75

Licensee: Public Service Electric and Gas Company
80 Park Plaza
Newark, New Jersey 07101

Meeting at: NRC Region I Office, King of Prussia, Pennsylvania

Meeting Conducted: July 19, 1984

NRC Personnel: *J. C. Lynville* *7-26-84*
for J. C. Lynville, Senior date
Resident Inspector

Approved by: *L. J. Norrholm* *7/26/84*
L. J. Norrholm, Chief date
Projects Section 2B, DPRP

Meeting Summary: Meeting on July 19, 1984 (Combined Meeting Report Nos. 50-272/84-30 and 50-311/84-29)

Scope: Management meeting held to discuss the status of the PSE&G Action Plan for improvement of Nuclear Department operations, which was submitted to the NRC in August, 1983. Areas discussed included the responsiveness of the action plan to recent inspection findings which indicate continuing concerns in the areas of attention to detail, safety perspective, accountability, inquisitiveness and attitude.

DETAILS

1. Meeting Attendees

PSE&G

H. Sonn, President
R. Eckert, Senior Vice President
R. Fryling, Assistant General Solicitor
R. Uderitz, Vice President - Nuclear
J. Zupko, General Manager, Salem Operations
J. Boettger, General Manager, Nuclear Support
C. Johnson, Manager, QA Nuclear Operations
E. Liden, Manager - Nuclear Licensing and Regulation

NRC

T. Murley, Regional Administrator
R. Starostecki, Director, Division of Project and Resident Programs, Region I
H. Kister, Chief, Projects Branch No. 2, Region I
L. Norrholm, Chief, Projects Section 2B, DPRP
D. Fisher, Project Manager, NRR
J. Linville, Senior Resident Inspector
D. Limroth, Project Engineer, DPRP

Other

M. Gottlieb, Chairman Nuclear Oversight Commerce
T. Granger, New Jersey Department of Public Advocate
R. Green, New Jersey Bureau of Radiation Protection
W. Bibb, MAC
R. Rader, Conner and Wetterhahn
E. Gallods, MHB Technical Associates

2. Background

This meeting is one of the bimonthly meetings to discuss PSE&G's corrective action program progress. The specific purpose of this meeting was to discuss the status of the Action Plan that PSE&G developed in response to the MAC diagnostic evaluation and submitted to the NRC on August 26, 1983.

3. Discussion

During the introduction, PSE&G announced that the organization study discussed in earlier meetings had been completed and that a new organization described by the block diagram in the attached handout would become effective August 27, 1984. The most notable feature of the new organization is the addition of two new Assistant Vice Presidents to reduce the number of direct reports to the Vice President - Nuclear to a more manageable number. The licensee also indicated that several of the newly created positions including the Assistant Vice President - Nuclear Operations, the General Manager - Nuclear Safety Review and the Manager Outage Services would be filled initially by outside contractor personnel.

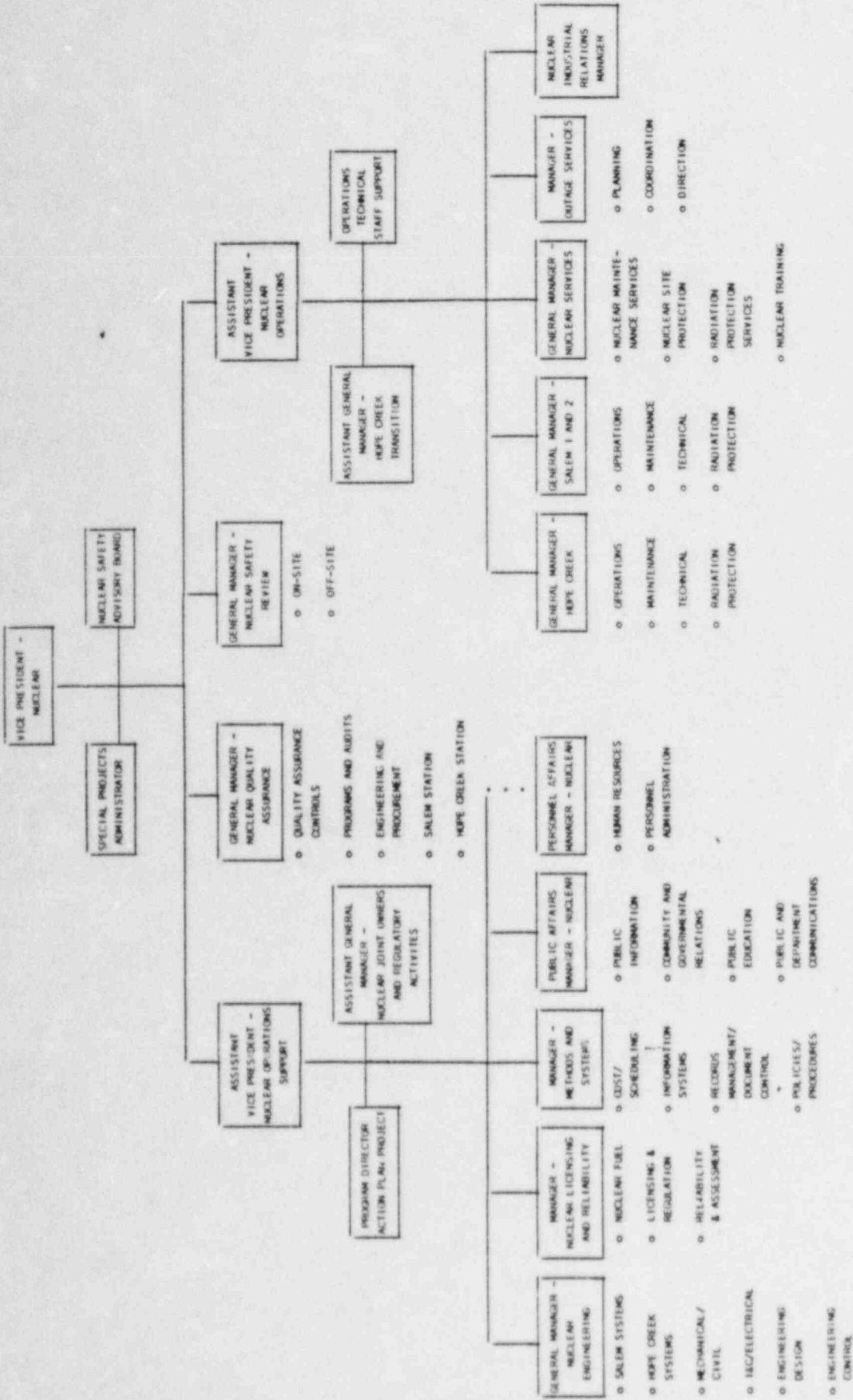
During the next phase of the meeting, PSE&G highlighted significant improvements at Salem since the restart following the ATWS events and how these improvements relate to specific action plans. The licensee further indicated which action plans address the continuing concerns identified in recent inspection reports and that some action plan priorities have been reevaluated based on these findings.

The NRC expressed concern about the licensee's ability to communicate the proper management safety perspective to all levels of the PSE&G organization. PSE&G indicated that they were certain that it is getting to all levels of supervision, but that they would reevaluate their effectiveness in getting this message down to the bargaining unit level.

Finally PSE&G summarized the status of the action plans as indicated in the attached handouts.

It was agreed that the next bimonthly meeting would be delayed until mid October because of the large number of milestones scheduled for completion in September.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
REVISED NUCLEAR DEPARTMENT ORGANIZATION



PSE&G/NRC FIFTH BI-MONTHLY MEETING AGENDA
IMPROVEMENT ACTION PLAN REVIEW
AT NRC REGION 1 OFFICE
JULY 19, 1984 - 1:00 P.M.

INTRODUCTION ----- R. A. UDERITZ

FEATURES OF ACTION PLAN
AND OTHER DEPARTMENT

IMPROVEMENT PROGRAMS ----- J. M. ZUPKU

ACTION PLAN UPDATE ----- J. T. BOETTGER

CLOSING REMARKS ----- H.W. SUNN

MY OPENING REMARKS ARE INTENDED TO ESTABLISH A COMMON BASE OF UNDERSTANDING REGARDING THE ACTION PLAN, AND HOW IT RELATES TO AREAS MENTIONED IN YOUR RECENT LETTER. THE "PLAN FOR IMPROVEMENT OF NUCLEAR DEPARTMENT OPERATIONS" (ACTION PLAN) IS A RESULT OF A COMPREHENSIVE REVIEW OF NUCLEAR DEPARTMENT PROGRAMS AND ACTIVITIES. THE MANAGEMENT ANALYSIS COMPANY (MAC) PERFORMED AN INDEPENDENT ASSESSMENT OF PUBLIC SERVICE ELECTRIC & GAS COMPANY (PSE&G) NUCLEAR DEPARTMENT AND MADE RECOMMENDATIONS FOR IMPROVEMENTS IN ORGANIZATION STRUCTURES, MANAGEMENT SYSTEMS AND QUALITY ASSURANCE PROGRAMS.

THE PSE&G ACTION PLAN INCORPORATES RESPONSES TO THE MAC ASSESSMENTS WHICH VALIDATES THEIR FINDINGS AND CREATES A PLAN TO MEET IDENTIFIED OBJECTIVES. GENERALLY SPEAKING, THESE OBJECTIVES WERE TO ENHANCE EXISTING EFFORTS AND PROGRAMS, TO PROVIDE BETTER "TOOLS" FOR PEOPLE TO WORK WITH AND TO IMPROVE THE WORKING ENVIRONMENT OF OUR PEOPLE. THERE ARE TWENTY-SIX ACTION PLANS THAT COVER SEVEN TOPICAL AREAS.

1. ORGANIZATION MANAGEMENT
2. SAFETY AND COMPLIANCE MANAGEMENT
3. CONFIGURATION MANAGEMENT
4. OPERATIONS AND OPERATION SUPPORT

5. QUALITY ASSURANCE
6. MAINTENANCE AND PLANT BETTERMENT
7. NUCLEAR DEPARTMENT SERVICES

FOUR OF THE TWENTY-SIX ACTION PLANS ARE ASSIGNED DIRECTLY TO THE PLANT. THEY ARE:

- o MAINTAINING PLANT CLEANLINESS - IMPROVES WORKING ENVIRONMENT.
- o COMPLIANCE MONITORING OF TECHNICAL AND EQUIPMENT SPECIFICATIONS.
- o MAINTENANCE PLANNING, MONITORING AND CONTROL
- o BACKLOGGED MAINTENANCE WORK ORDERS

THE REMAINDER OF THE ACTION PLANS ARE ASSIGNED IN DIRECT SUPPORT AREAS TO THE PLANT.

THE PRESENTATION TODAY IS INTENDED TO SHOW THAT ALL THE ACTION PLANS PROVIDE THE "TOOLS" FOR IMPROVEMENT IN THE AREAS OF CONCERN. FOR EXAMPLE, CONFIGURATION MANAGEMENT PROVIDES A CLEAR DESIGN BASE FOR THE PLANT.

THE MAINTENANCE ACTION PLANS ESTABLISH AN IMPROVED MANAGED MAINTENANCE PROGRAM.

WE HAVE COMPLETED AN ORGANIZATION STUDY THAT WAS REQUIRED BY ACTION PLAN 2.1.1. THE RESULTS OF THAT STUDY WERE ANNOUNCED YESTERDAY. THE CHANGES AFFECT BOTH PEOPLE AND ORGANIZATION SHAPE. WE BELIEVE THIS WILL BE A STRONGER, MORE EFFECTIVE ORGANIZATION.

WE ARE STRIVING FOR EXCELLENCE IN OUR OVERALL TRAINING PROGRAM. THIRTY-FIVE OF OUR MANAGEMENT PEOPLE HAVE ATTENDED ADVANCED MANAGEMENT TRAINING; ADDITIONALLY, 71 HAVE ATTENDED THE TECHNICAL AND SUPERVISORY SKILLS PROGRAM.

THE NUCLEAR OVERSIGHT COMMITTEE HAS COMPLETED ITS THIRD QUARTERLY MEETING. THEY ARE BECOMING MUCH MORE INVOLVED WITH GREATER DEPTH TO THEIR OVERVIEW.

THERE HAS BEEN A SUBSTANTIAL AMOUNT OF TEAM BUILDING, AND THIS CONTINUES. FOR EXAMPLE, I MEET WITH OUR TOP 40 MANAGERS EVERY SIX WEEKS FOR COORDINATION, DEPARTMENT-WIDE INFORMATION FLOW AND PROBLEM SOLVING. ADDITIONALLY, THERE IS TEAM BUILDING WITHIN EACH FUNCTIONAL AREA AND BETWEEN FUNCTIONAL AREAS. I BELIEVE THAT ALL THESE ELEMENTS ARE AN IMPORTANT PART IN IMPROVING OUR NUCLEAR OPERATION.

WE HAVE PREPARED A PRESENTATION THAT RESPONDS TO YOUR LETTER REGARDING THE CONTENT OF THIS FIFTH BI-MONTHLY MEETING. WE HAVE EXTRACTED FROM THE VARIOUS ACTION PLANS, EXAMPLES OF THE FEATURES THAT ADDRESS THE GENERAL CONCERNS LISTED IN YOUR LETTER, I.E., ATTENTION TO DETAIL, SAFETY PERSPECTIVE, ACCOUNTABILITY, INQUISITIVENESS, AND ATTITUDE.

DURING THE COURSE OF THE PRESENTATION, WE WILL DISCUSS THE GENERAL AREAS COVERED IN THE ATTACHMENT TO YOUR LETTER.

SIGNIFICANT IMPROVEMENTS

- O ESTABLISHMENT OF PERFORMANCE INDICATORS TO INTERPRET OPERATION TRENDS.
- O IMPROVEMENT OF WORKING ENVIRONMENT THROUGH INCREASED ACCOUNTABILITY/PARTICIPATION FOR PLANT CLEANLINESS.
- O ESTABLISHMENT OF NEW CALIBRATION FACILITY.
- O USE OF COMPUTER-AIDED DESIGN EQUIPMENT TO IMPROVE ACCURACY AND SPEED WITH PROVISIONS FOR OPERATIONS STAFF TERMINALS.
- O COMMITMENT AND AVAILABILITY OF NUCLEAR DEPARTMENT MANAGERS FOR ADVANCED MANAGEMENT TRAINING.
- O COMMITMENT AND IMPLEMENTATION OF TRAINING PROGRAM FOR SUPERVISORY AND TECHNICAL PERSONNEL.
- O SPECIAL ASSISTANCE VISIT FROM INPU REGARDING MAINTENANCE.
- O INCREASED ATTENTION TO DETAIL IN THE INVESTIGATION OF ROOT CAUSES.
- O INITIATION OF TEAM BUILDING SESSIONS FOR PROBLEM SOLVING, INCREASED AWARENESS, AND IMPROVED RELATIONS.
- O REDUCTION OF WORK ORDER BACKLOG.

INPO GOOD PRACTICES

ORGANIZATION & ADMINISTRATION:

THE DRUG AND ALCOHOL AWARENESS PROGRAM HAS BEEN STRENGTHENED BY THE USE OF DETAILED TRAINING MATERIAL AND FREQUENT APPLICATION OF DRUG DETECTION METHODS.

PLANT STATUS CONTROLS:

AN EFFECTIVE METHOD EXISTS TO PROVIDE CONTROL ROOM OPERATORS WITH THE CURRENT STATUS OF TAGGED COMPONENTS AND SYSTEM ALIGNMENT.

OPERATIONS PROCEDURES AND DOCUMENTATION:

AN APPROVED TECHNICAL SPECIFICATION INTERPRETATION PROCEDURE PROVIDES ADDITIONAL INFORMATION ON TECHNICAL SPECIFICATION APPLICATIONS AND BASES.

WORK CONTROL SYSTEM:

THE EFFICIENCY OF STOREROOM AND MAINTENANCE PERSONNEL IS IMPROVED THROUGH STAGING OF PARTS FOR PLANNED MECHANICAL AND ELECTRICAL WORK.

THE INSTRUMENTATION AND CONTROLS GROUP (I&C) IS UTILIZING A PLANNED SYSTEM WORK PACKAGE (PSWP) TECHNIQUE TO EFFECTIVELY PLAN SCHEDULED OUTAGE WORK.

EMERGENCY PUBLIC INFORMATION:

AN INFORMATION SHEET IS HANDED OUT TO ALL MEDIA UPON ARRIVAL AT THE EMERGENCY NEWS CENTER.

A RECORDED PHONE CALL-IN MESSAGE SYSTEM IS USED DURING EMERGENCIES TO CONVEY OFFICIAL COMPANY INFORMATION AND INSTRUCTIONS TO PLANT EMPLOYEES, EMERGENCY PLANNING ZONE PUBLIC, AND MEDIA.

ACCOUNTABILITY
AND
SAFETY PERSPECTIVE

2.1.3 THE ISSUANCE OF VPN PROCEDURES

- o ENSURE THE DEPARTMENT-WIDE POLICY FROM THE VICE-PRESIDENTS IS IMPLEMENTED.
- o PROGRAM FOR CONTROL OF PROCEDURES AND DIRECTIONS.

2.2.1 SAFETY REVIEW MANAGEMENT ACTIVITIES

- o ELIMINATION OF DUPLICATION OF SAFETY REVIEW EFFORTS.
- o MAXIMIZE EFFECTIVE USE OF RESOURCES.

2.2.2 COMMITMENT TRACKING

- o CONSOLIDATE AND IMPROVE COMMITMENT TRACKING SYSTEM.
- o CLEARLY DEFINE THE AUTHORITY TO MAKE COMMITMENTS.
- o IDENTIFY COMMITMENT IMPROVEMENT COORDINATOR.
- o PROCEDURES.
- o ELIMINATE DUPLICATION AND OVERLAPS.

ACCOUNTABILITY
AND
SAFETY PERSPECTIVE

2.3.1 CONFIGURATION MANAGEMENT PROGRAM

- O EFFECTIVELY CONTROL THE CONFIGURATION OF THE NUCLEAR STATIONS.
- O VERIFICATION PROCESS.
- O CONFIGURATION STATUS.
- O CONFIGURATION IDENTIFICATION.

2.3.2 CHANGE CONTROL PROCESS

- O STREAMLINE THE DCR/DCP PROCESS.
- O MAKE THE DESIGN CHANGE PROCESS MORE EFFICIENT/EFFECTIVE.

2.5.2 QA RELATIONSHIPS WITH OTHER DEPARTMENTS

- O CLARIFY ANY CONFUSION OR CONCERN ABOUT OVERLAPS IN JURISDICTIONAL SCOPES.
- O REVIEW ACCEPTABILITY STANDARDS.

ACCOUNTABILITY
AND
SAFETY PERSPECTIVE

2.5.3 IMPROVING THE QUALITY ASSURANCE DEPARTMENT PROCEDURES AND WORK ACTIVITIES

- O AUDITING.
- O MONITORING.
- O QUALITY CONTROL INSPECTION.
- O IMPROVE NONCONFORMANCE CONTROL.
- O SYSTEMATIC VERIFICATION OF CORRECTIVE ACTIONS AND REGULATORY COMMITMENTS.

2.6.1 MAINTENANCE AREA ORGANIZATION RESPONSIBILITIES AND INTERFACES

- O CLARIFICATION OF ORGANIZATIONAL RESPONSIBILITIES AND ACCOUNTABILITIES ASSOCIATED WITH THE MAINTENANCE FUNCTION.
- O ESTABLISHMENT OF A MAINTENANCE MANAGEMENT STRUCTURE TO MORE EFFECTIVELY MEET THE NEEDS OF THE DEPARTMENT.

2.6.2 MAINTENANCE PLANNING, MONITORING AND CONTROL

- O SOFTWARE/HARDWARE CONSOLIDATION.
- O STREAMLINING DATA FLOW AND INFORMATION RETRIEVAL.

ACCOUNTABILITY
AND
SAFETY PERSPECTIVE

2.7.1 RECORDS MANAGEMENT PROGRAM

- O CENTRALIZED PROGRAM.
- O UPGRADE CURRENT CAPABILITIES FOR ENHANCED USER SUPPORT.
- O CLARIFICATION OF INTERFACES AND RESPONSIBILITY.
- O ELIMINATE UNNECESSARY REDUNDANT REPORTING.

2.7.2 DOCUMENT CONTROL FUNCTION

- O INTEGRATION OF DOCUMENT CONTROL FUNCTIONS.
- O ESTABLISH CONTINUAL AUDIT FUNCTIONS.

ATTITUDE

2.1.1 FUNCTIONAL ANALYSIS OF VICE PRESIDENT-NUCLEAR

- O REALIGNMENT OF FUNCTIONAL REPORTING, RELATIONSHIPS CONSISTENT WITH THE MANAGEMENT DEMANDS OF NUCLEAR DEPARTMENT ACTIVITIES.
- O PLANNING AND PROBLEM SOLVING SESSIONS.

2.1.2 IMPROVING MATRIX WORKING RELATIONSHIPS

- O CLARIFY AND FORMALIZE ALL WORKING AGREEMENTS INCLUDING EMPLOYEE PERFORMANCE EVALUATIONS
- O INDIVIDUAL AND GROUP PROBLEM SOLVING SESSIONS.

ATTITUDE

2.1.3 NUCLEAR DEPARTMENT POLICY MANUAL

- o COMPLETION AND ISSUANCE OF MANUAL.
- o ESTABLISHMENT OF CONTROL FOR IMPLEMENTING DIRECTIVES.
- o CLARIFICATION OF POLICIES AND DIRECTIVES.

2.2.1 SAFETY REVIEW

- o IMPROVED QUALITY OF REPORT THROUGH MORE EFFICIENT USE OF ORGANIZATIONAL RESOURCES.
- o CLEARER UNDERSTANDING AND DELINIATION OF RESPONSIBILITIES.

ATTITUDE

2.4.1 PLANT CLEANLINESS

- O IMPROVED WORKING ENVIRONMENT.
- O HEIGHTENED PRIDE AND MORALE DUE TO IMPROVED PLANT ENVIRONMENT.
- O FOSTERING OF IMPROVED CLEANLINESS ATTITUDES.

2.4.2 COMPLIANCE MONITORING

- O TREND ANALYSIS WILL RESULT IN HEIGHTENED CURIOSITY CONCERNING COMPLIANCE TEST RESULTS.

2.4.3 POST MODIFICATION/REPAIR TESTING

- O GREATER UNDERSTANDING AND FOLLOW THROUGH OF TEST REQUIREMENTS.

ATTITUDE

2.4.4 SITE PROTECTION AND EMERGENCY PREPAREDNESS

- o UPGRADED EMPLOYEE COGNIZANCE OF REQUIREMENTS, RESPONSIBILITIES AND ACCOUNTABILITIES.

2.4.5 NUCLEAR ENGINEERING/OPERATIONS COORDINATION

- o IMPROVED BACKGROUND TRAINING.
- o TEAM BUILDING SESSIONS.
- o GREATER RAPPORT BETWEEN INTERFACE GROUPS.

2.5.1 QUALITY ASSURANCE ORGANIZATION

- o DISCUSSIONS AND RESOLUTIONS OR CONCERNS.

2.5.2 IMPROVED QA INTERDEPARTMENTAL RELATIONS

- o INTERDEPARTMENTAL SUPPORT MEETINGS.
- o AGREEMENTS ON NEW PROCESSES FOR IMPROVED SUPPORT/COOPERATION.
- o HEIGHTENED QUALITY INVOLVEMENT OF THE ORGANIZATION.

ATTITUDE

2.5.3 QUALITY ASSURANCE PROCEDURES AND ACTIVITIES

- o TRAINING WORKSHOPS TO FOSTER GREATER UNDERSTANDING AND PARTICIPATION IN PROCEDURAL CHANGES.

2.6.1 MAINTENANCE ORGANIZATION

- o FORMATION OF A CLEAR, CONCISE, CENTRALIZED MAINTENANCE FUNCTION.

2.6.5 OUTAGE MANAGEMENT

- o FORMATION OF A CLEAR, CONCISE OUTAGE MANAGEMENT FUNCTION.

ATTITUDE

2.7.3 MANAGEMENT INFORMATION

- o COMPREHENSIVE COLLECTION, SORTING AND DISTRIBUTION OF MANAGEMENT INFORMATION TO GREATLY ENHANCE AND INCREASE DEPARTMENT-WIDE INVOLVEMENT AND KNOWLEDGE OF INFORMATIONAL FLOWS.

2.7.4 ENHANCING TRAINING

- o ESCALATED INTERDEPARTMENTAL INVOLVEMENT IN REVIEW/REVISION OF CURRICULUM THROUGH OVERSIGHT COMMITTEES, DCR SCREENING AND FEEDBACK MECHANISMS.

INQUISITIVENESS
AND
ATTENTION TO DETAIL

2-1-3 NUCLEAR DEPARTMENT POLICY MANUAL

- o ENHANCED QUALITY AND THOROUGHNESS OF DEPARTMENTAL PROCEDURES.
- o CLEAR AND CONCISE UNDERSTANDING OF POLICIES.
- o DEFINE INTERFACE POINTS.
- o CONTROL OF IMPLEMENTING POLICIES AND DIRECTIVES.

2-1-5 TRANSITION MANAGEMENT

- o ELIMINATE CONFUSION ABOUT RESPONSIBILITIES.

2-2-1 SAFETY REVIEW MANAGEMENT

- o DETERMINE SPECIFIC FUNCTIONS EACH ORGANIZATION PERFORMS RELATED TO SAFETY.
- o PROCEDURES THAT DEFINE ROLES IN SAFETY MATTERS.

2-2-2 COMMITMENT TRACKING

- o IMPLEMENT CHANGES TO CONSOLIDATE COMMITMENT TRACKING SYSTEM.
- o CLEARLY DEFINE AUTHORITY TO MAKE COMMITMENTS.
- o ELIMINATION OF DUPLICATION AND OVERLAP.
- o UNDERSTANDING COMMITMENTS/TRAINING.

INQUISITIVENESS
AND
ATTENTION TO DETAIL

2.3.1 CONFIGURATION MANAGEMENT

2.3.2 DESIGN CHANGE CONTROL PROCESS

- o INTEGRATED PROGRAM TO CONTROL PLANT CONFIGURATION.
- o MORE THOROUGH CONFIGURATION
 - oo IDENTIFICATION
 - oo CONTROL
 - oo STATUS
 - oo VERIFICATION
- o MANAGEMENT ADVISORY GROUP ATTENTION.
- o PROCEDURES TO ADDRESS SPECIFIC ELEMENTS OF PROGRAM AND PROVIDE MORE THOROUGH ATTENTION TO DETAIL.
- o PERIODIC FOLLOW-UP REVIEWS.
- o MORE CONSIDERATION TO SCREENING POTENTIAL CHANGES AND STREAMLINING THE DCR/DCP PROCESS.
- o DEVELOPMENT OF UNIQUE COMPONENT IDENTIFIERS.

INQUISITIVENESS
AND
ATTENTION TO DETAIL

2.4.2 COMPLIANCE MONITORING OF TECHNICAL AND EQUIPMENT SPECIFICATIONS

- O TREND ANALYSIS.
- O ASSURE TECHNICAL AND EQUIPMENT SPECIFICATION DOCUMENTS ARE APPROPRIATELY DOCUMENTED, TRACKED, REVIEWED AND INFORPORATED INTO PROCEDURES AND PROGRAM.

2.4.3 POST MODIFICATION/POST REPAIR TESTING

- O HIGH DETAILED COMPONENT TEST REQUIREMENTS.

2.4.4 SITE PROTECTION EMERGENCY PREPAREDNES

- O VERIFY THAT PROCEDURES ADDRESS ALL REQUIREMENTS AND ARE CLEARLY DEFINED.
- O REVIEW AND SPOT CHECK PAST VIOLATIONS TO DETERMINE ROOT CAUSES TO ELIMINATE THE POTENTIAL REOCCURRENCE.

INQUISITIVENESS
AND
ATTENTION TO DETAIL

2.5.3 QA PROCEDURES AND WORK ACTIVITIES

- O IMPROVED QUALITY ENGINEERING REVIEW DURING PROCUREMENT CYCLE.
- O IMPROVED QA NONCONFORMANCE CONTROL ACTIVITY.
- O IMPROVED PROCEDURES FOR:
 - OO AUDITING
 - OO MONITORING
 - OO INSPECTION FUNCTIONS
- O WORK ORDER TRACEABILITY REQUIREMENTS.
- O DETAILED DOCUMENTATION.
- O ADDITIONAL QA MONITORING FOR ACTIVITIES SUCH AS CALIBRATION AND REPAIR.
- O QA TRAINING AND CERTIFICATION MANUAL.

INQUISITIVENESS
AND
ATTENTION TO DETAIL

2.6.2 MAINTENANCE PLANNING, MONITORING AND CONTROL

- O GREATER ATTENTION TO PREVENTATIVE MAINTENANCE AND CORRECTIVE MAINTENANCE.
- O GREATER ATTENTION TO DETAILED PLANNING AND CONTROL.

2.6.3 WORK ORDER BACKLOG

- O DELINEATION AND CLASSIFICATION OF BACK-LOGGED WORK ORDERS.
- O GREATER ATTENTION TO ROOT CAUSES.
- O GREATER ATTENTION TO CURRENT MAINTENANCE ACTIVITIES.

2.6.5 OUTAGE MANAGEMENT

- O MORE ATTENTION TO PLANNING, MONITORING, AND CONTROL.

INQUISITIVENESS
AND
ATTENTION TO DETAIL

2.7.1 RECORDS MANAGEMENT PROGRAM

- o UPGRADED RECORDS RETRIEVAL SYSTEM.
- o AUDITING MECHANISMS SET IN PLACE FOR COMPLIANCE WITH RECORDS TURNOVER REQUIREMENTS.

2.7.2 DOCUMENT CONTROL FUNCTION

- o DETAILED ORGANIZATIONAL REQUIREMENTS AND INTERFACES.
- o ASSURANCE THAT DOCUMENTS IN THE CUSTODY OF CONTROL STATIONS ARE CURRENT.
- o CONTINUAL INTERNAL AUDIT FUNCTION.

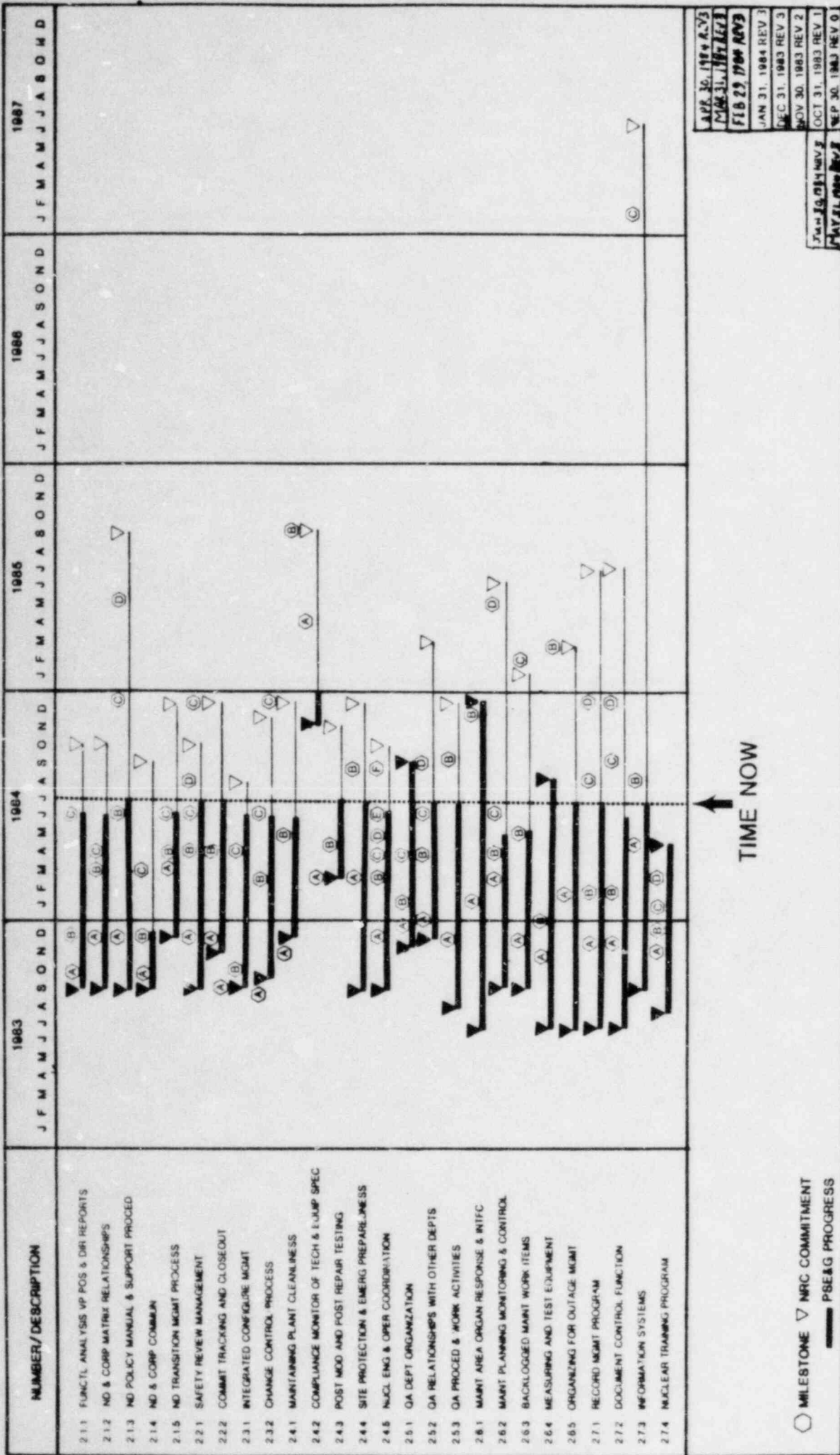
2.7.3 INFORMATION SYSTEMS

- o ELIMINATION OF DUPLICATIONS AND OVERLAPS IN MANAGEMENT REPORTING.

2.7.4 TRAINING

- o MORE ATTENTION GIVEN TO INCORPORATING DESIGN CHANGES AND CHANGES IN POLICY AND PROCEDURES INTO TRAINING PROGRAM CONTENT.

PSE&G ACTION PLAN SCHEDULE



APR 30, 1984 REV 3
 MAY 31, 1984 REV 3
 FEB 29, 1984 REV 3
 JAN 31, 1984 REV 3
 DEC 31, 1983 REV 3
 NOV 30, 1983 REV 2
 OCT 31, 1983 REV 1
 SEP 30, 1983 REV 0

<u>ACTION PLAN NUMBER</u>	<u>MILESTONE NUMBER</u>	<u>DESCRIPTION</u>	<u>SCHEDULE COMPLETION DATE</u>	
2.1.1	A	Investigate relevant Nuclear Department functions	10/83	Rev. 1
	B	Facilitate procedural and structural change discussions	12/83	Rev. 1
	C	Six month follow-up assessment of changes	6/84	Rev. 1
2.1.2	A	Document procedures and coordination agreements. Human Resources matrix	12/83	Rev. 1
	B	Purchasing matrix	3/84	Rev. 1
	C	VPN and VP Public Relations sign-off	4/84	Rev. 1
2.1.3	A	Prepare procedural plan and schedule	12/83	Rev. 1
	B	Approval and implementation of procedural plans	6/84	Rev. 1
	C	Assign personnel to write/modify procedures	11/84	Rev. 1
	D	Follow-up assessment and report of conclusions	5/85	Rev. 1
2.1.4	A	Identify formal and informal Corporate and Nuclear Department communications channels	10/83	Rev. 1
	B	Senior VP presents results/new agreements to management group	12/83	Rev. 1
	C	Assess effectiveness of procedural changes - prepare final report	3/84	Rev. 1
2.1.5	A	Establish a transition management team	3/84	Rev. 1
	B	Prepare charter for transition management team	4/84	Rev. 1
	C (1)	Conduct orientation/team building session	6/84	Rev. 1
	C (2)	Establish organization development position		

<u>ACTION PLAN NUMBER</u>	<u>MILESTONE NUMBER</u>	<u>DESCRIPTION</u>	<u>SCHEDULE COMPLETION DATE</u>	
2.2.1	A	Evaluate program objectives, organization and procedural functions. Review safety review programs of selected utilities	12/83	Rev. 1
	B	Conduct workshop for key personnel	4/84	Rev. 1
	C	Recommendations and implementation schedule	6/84	Rev. 1
	D	Implement recommendations	8/84	Rev. 1
2.2.2	A	Establish Management Advisory Group to provide direction to the CIC	11/83	Rev. 1
	B (1)	Assess overall commitment tracking needs for Nuclear Department	4/84	Rev. 1
	B (2)	Evaluate results of interviews; recommend improvements		
	C	Develop commitment program, procedures, training	12/84	Rev. 1
2.3.1	A	Establish Management Advisory Group (MAG)	9/83	Rev. 1
	B	MAG develop goals and specific elements of program	10/83	Rev. 1
	C	Prepare formal recommendations and implementation schedule	4/84	Rev. 1
2.3.2	A	MAG to direct this activity	9/83	Rev. 1
	B	Consultant to assess design change process	3/84	Rev. 1
	C	Develop implementation program and schedule	6/84	Rev. 1
2.4.1	A	Organize "Plant Pride" Clean-up Program	12/83	Rev. 1
	B	Obtain Nuclear Department Management approval for program	5/84	Rev. 1
	C	Develop plan to maintain up-graded cleanliness	12/84	Rev. 1

<u>ACTION PLAN NUMBER</u>	<u>MILESTONE NUMBER</u>	<u>DESCRIPTION</u>	<u>SCHEDULE COMPLETION DATE</u>	
2.4.2	A	Assess methods for monitoring specification compliance	4/85	Rev. 1
	B	Implement appropriate corrective actions	9/85	Rev. 1
2.4.3	A	Report findings and recommendations to management	3/84	Rev. 1
	B	Organize working group to review requirements engineer position	5/84	Rev. 1
2.4.4	A (1)	Review emergency preparedness	3/84	Rev. 1
	A (2)	Review fire protection		
	A (3)	Review plant security		
	B (1)	Review personnel safety	9/84	Rev. 1
	B (2)	Recommendations for policy and procedures revision		
2.4.5	A	Fill 25% of the priority engineering positions	12/83	Rev. 1
	B	Fill 50% of the priority engineering positions	3/84	Rev. 1
	C	Assess results of team building sessions and prepare report with recommendations	4/84	Rev. 1
	D	Management approval	5/84	Rev. 1
	E	Fill 75% of the priority engineering positions	6/84	Rev. 1
	F	Fill 100% of the priority engineering positions	9/84	Rev. 1
2.5.1	A	Meeting with VPN to discuss priority concerns	12/83	Rev. 1
	B	Team building with all supervisors to resolve priority concerns	2/84	Rev. 1
	C	Staff open positions	4/84	Rev. 1

<u>ACTION PLAN NUMBER</u>	<u>MILESTONE NUMBER</u>	<u>DESCRIPTION</u>	<u>SCHEDULE COMPLETION DATE</u>	
2.5.2	A	Meeting with Plant Betterment Contractor to clarify and improve interface	1/84	Rev. 1
	B	Meeting with other department General Managers for feedback	4/84	Rev. 1
	C	Identify concerns	6/84	Rev. 1
	D	Meet with VPN and Direct Reports to resolve remaining concerns	9/84	Rev. 1
2.5.3	A	Initial re-draft of QA procedures	12/83	Rev. 1
	B (1)	Workshop	9/84	Rev. 1
	B (2)	Develop uniform deficiency report (DR) system		
2.6.1	A	Develop maintenance management organization	2/84	Rev. 1
	B	Instruction of personnel in maintenance management plan implementation	12/84	Rev. 1
2.6.2	A	Analyze requirements for managed maintenance program	3/84	Rev. 1
	B	Assess staffing requirements for enhanced program	4/84	Rev. 1
	C (1)	Revise/write procedures for maintenance w/o information	6/84	Rev. 1
	C (2)	Establish program to update RAMPS into Configuration Management System		
	D	Update warehouse support portions of managed maintenance program	5/85	Rev. 1
2.6.3	A	Evaluate work order backlog history	12/83	Rev. 1
	B	Review non-outage w/o scope, schedule	5/84	Rev. 1
	C	Develop resource loaded schedule	1/85	Rev. 1

<u>ACTION PLAN NUMBER</u>	<u>MILESTONE NUMBER</u>	<u>DESCRIPTION</u>	<u>SCHEDULE COMPLETION DATE</u>	
2.6.4	A	Assess assignment of responsibility to one organization	11/83	Rev. 1
	B (1)	Review/revise training program	1/84	Rev. 1
	B (2)	Make recommendations		
2.6.5	A	Develop a plan and schedule to implement outage management organization	2/84	Rev. 1
	B	Implement strengthened outage management function	4/85	Rev. 1
2.7.1	A	Obtain management approval for plan and schedule	12/83	Rev. 1
	B	Develop functional specification records management retrieval system	2/84	Rev. 1
	C	Install upgraded records retrieval system	8/84	Rev. 1
	D	Routine audits for compliance	12/84	Rev. 1
2.7.2	A	Management approval-implementation plan and resources	12/83	Rev. 1
	B	Develop functional specs for integrated document control program	2/84	Rev. 1
	C	Procedures and system documentation	9/84	Rev. 1
	D	Establish a continual internal audit function	12/84	Rev. 1
2.7.3	A	Development of information needs for an integrated MIS	4/84	Rev. 1
	B	Functional level development of an integrated MIS	8/84	Rev. 1
	C (1)	Implement the data base information system	1/87	Rev. 1
	C (2)	Establish management controls		

<u>ACTION PLAN NUMBER</u>	<u>MILESTONE NUMBER</u>	<u>DESCRIPTION</u>	<u>SCHEDULE COMPLETION DATE</u>	
2.7.4	A (1)	Review/approve NTC organization	Deleted	Rev. 2
	A (2)	Initial meetings of N.T.O.C. and training review groups	11/83	Rev. 1
	A (3)	Consultant selected for QA/QC training needs analysis	11/83	Rev. 1
	B (1)	Authorize 1984 personnel level	12/83	Rev. 3
	B (2)	Conduct desk top analysis and submit recommendation		
	C	Consultant review completed	1/84	Rev. 1
	D (1)	Revised TP-306 procedures issued	2/84	Rev. 1
	D (2)	Act on recommendation as required from desk top analysis		
	E (1)	Meet staffing goals for N.T.D.	4/84	Rev. 1
	E (2)	Audit implementation of revised TP-306 procedures		
	E (3)	Revised/upgraded training for QA/QC developed and presented as required		

MILESTONE SUMMARY

	<u>SCHEDULED</u>	<u>ACTUAL</u>
MONTH OF JUNE	10	5
CUMULATIVE THROUGH JUNE, 1984	72	61

SCHEDULED MILESTONES NOT ACCOMPLISHED THROUGH JUNE, 1984

<u>ACTION PLAN</u>	<u>MILESTONE</u>	<u>SCHEDULED</u>	<u>ANTICIPATED COMPLETION</u>
2.1.1	2.1.1.6	6/84	10/84
2.1.2	2.1.2.4	4/84	7/84
2.1.4	2.1.4.4	12/83	7/84
2.1.4	2.1.4.5	3/84	7/84
2.1.5	2.1.5.4	6/84	7/84
2.4.1	2.4.1.5	5/84	6/84
2.4.3	2.4.3.4	3/84	6/84
2.4.5	2.4.5.6	5/84	6/84
2.6.2	2.6.2.8	6/84	4/85
2.6.2	2.6.2.10	6/84	9/84
2.6.2	2.6.2.12	4/84	1/85
2.6.3	2.6.3.2	12/83	6/84
2.6.3	2.6.3.3	5/84	9/84

FUTURE MILESTONES ACCOMPLISHED THROUGH JUNE, 1984

<u>ACTION PLAN</u>	<u>MILESTONE</u>	<u>SCHEDULED</u>	<u>ACTUAL COMPLETION</u>
2.4.4	2.4.4.1B	9/84	4/84
2.6.1	2.6.1.4	12/84	3/84

PSE&G ACTION PLAN MANPOWER

BASELINE

CURRENT ESTIMATE

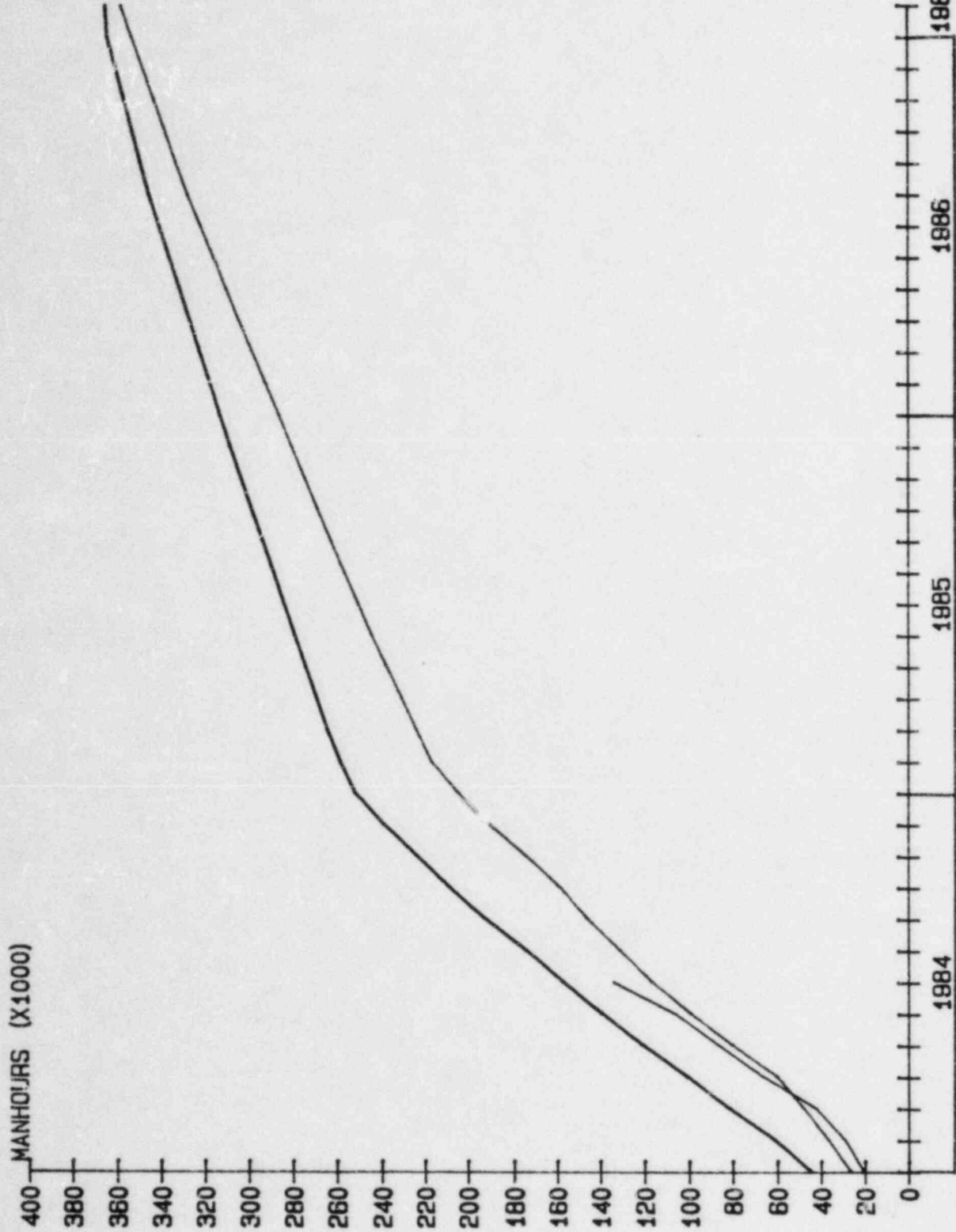
ACTUAL

MANHOURS (X1000)

400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0

1984 1985 1986 1987

YEAR



PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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		9/83	9/83	9/83	9/83	6/84	10/84		10/84	952	952	657	69.0
SPONSOR	R. Burricelli												

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	A 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	B 12/83
2.1.1.5	Complete procedural and structural changes (NEW)	2/84	2/84	7/84		
2.1.1.6	Six month follow-up assessment of changes	10/84		10/84		C 6/84

ACCOMPLISHMENTS

Initiated position analysis reviews Human Resources. Developed initial schedule for company review and authorization of recommendations. Reviewed proposed organization chart and position descriptions with relevant Human Resources managers. Continued personnel discussions with the Vice President - Nuclear. Continued development of an adoption and implementation schedule.

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	1155	78.3

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	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					Follow-up assessment
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 problem solving <u>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	A 12/83
	2.1.2.10b - Purchasing matrix	3/84	11/83	3/84	3/84	B 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

Conducted Emergency Public Information function assessment meeting prior to making recommendations in that area. Draft recommendations sent to respective functional managers for review and response. Completed final report after receiving comments from all matrixed functional managers. Completed executive summary of consultant's report on Public Affairs matrix. Discussion with the Vice President - Nuclear on Public Relations report. Developed review schedule. Held discussions with relevant managers on personnel issues.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	10,791	39.4

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	A 12/83
2.1.3.4	Approval and implementation of procedural plans	11/83	11/83	6/84	6/84	B 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	5/84	11/84		C 11/84
2.1.3.7	Follow up assessment and report of conclusions	5/85		5/85		D 5/85

ACCOMPLISHMENTS

Completed the 27 procedures scheduled for completion by June 30, 1984. A new manual has been produced and distributed. Activity 2.1.3.4, involving preparation of the manual, is considered complete.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	9/84		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	A 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	8/84		9/84		
2.1.4.4	Sr. VP presents results/new agreements to Management Group	8/84		9/84		B 12/83
2.1.4.5	Assess effectiveness of procedural changes - prepare final report	8/84		9/84		C 3/84

ACCOMPLISHMENTS

No formal activity during this reporting period.

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	7/84		11/84	482	150	132	88.0%





ACTIVITY	DESCRIPTION	START		COMPLETE		MILESTONE TARGET
		SCHED.	ACTUAL	SCHED.	ACTUAL	
2.1.5.1	Establish organization development position	12/83	12/83	6/84	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	7/84		C 6/84
2.1.5.5	OD staff person prepare for and facilitate transition management team meetings	6/84		Ongoing		

ACCOMPLISHMENTS

Reviewed organization development consultant resumes. Introduced orientation and team building materials to management team at Manager's Dialogue Session.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	1,147	34.2

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	 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	 4/84
2.2.1.5	Recommendations and implementation schedule	4/84	3/84	6/84	3/84	 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).	7/84		8/84 *		 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

Work progressed on streamlining of SORC activities and work flow charts.

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	1,102	42.3

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	A 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	5/84	B 4/84
2.2.2.6	Determine the type of system(s) needed; prepare specifications	3/84	3/84	5/84	5/84	
2.2.2.7	Assess available systems that meet requirements	5/84	3/84	6/84	6/84	
2.2.2.8	Evaluate how well commitments are being met using existing systems	3/84	3/84	5/84	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	5/84	B 4/84
2.2.2.12	Develop consolidated commitment program, procedures, training	5/84	5/84	7/84		C 12/84
2.2.2.13	Review effectiveness of program					
						Follow-up assessment

ACCOMPLISHMENTS

Development of policies and procedures to implement the proposed program is in progress. Draft Commitment Management System Report was transmitted to the Management Advisory Group for review and a meeting has been scheduled for July 2, 1984 for resolution of comments and concerns.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	2,215	

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	A 9/83
2.3.1.2	MAG develop goals & specific elements of program	10/83	10/83	10/83	10/83	B 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	4/84	
2.3.1.6	Prepare formal recommendations and implementation schedule	2/84	3/84	6/84	6/84	C 4/84
2.3.1.7	Obtain management approval and implement approved program	4/84	6/84	8/84		
2.3.1.8	Periodic reviews to evaluate effectiveness		Follow-up assessment			

ACCOMPLISHMENTS

A presentation of the Management Report to all direct reports of the Vice President - Nuclear (VPN) was conducted. Comments were received. The final Management Report schedule was issued to VPN's direct reports on June 26, 1984. VPN concept statement was drafted for Configuration Management and Configuration Change Control. Assignment of component identifiers to Auxiliary Feedwater System is in progress.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	3,220	97.5

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	A 9/83
2.3.2.2	Consultant to assess design change process	10/83	10/83	4/84	4/84	B 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	5/84	C 6/84
2.3.2.5	Obtain Mgmt. approval - implement program	4/84	6/84	7/84		
2.3.2.6	Review effectiveness of program annually		Ongoing			

ACCOMPLISHMENTS

A presentation of the Management Report to all direct reports of the Vice President - Nuclear (VPN) was conducted. Comments were received. The final Management Report schedule was issued to VPN's direct reports on June 26, 1984. VPN concept statement was drafted for Configuration Management and Configuration Change Control. Assignment of component identifiers to Auxiliary Feedwater System is in progress.

ACTION PLAN	Maintaining Plant Cleanliness	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.4.1													
SPONSOR	L. Fry	9/83	9/83	9/83	12/83	12/84	9/84		12/84	18311	16,450	10,482	63.7

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	9/84		
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 MD management approval for program	12/83	12/83	7/84		B 5/84
2.4.1.6	Make procedural revisions to support program	12/83	2/84	8/84		

ACCOMPLISHMENTS

Began painting on north end 120' elevation. Rewrote Action Plan Close Out statements. Conducted meeting with Site Maintenance representative to discuss Action Plan 2.4.1 interface with Action Plan 2.6.1 (Operations). Continued Turbine Building blitz (Operations). Completed draft of department housekeeping procedures (Radiation Protection).

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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		11/84	4/84	4/84	11/84	9/85	3/85		9/85	2056	2056	195	9.4
SPONSOR	L. Miller												



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	8/84		
2.4.2.2	Assure existing methods are incorporated into procedures and programs	5/84	4/84	8/84		
2.4.2.3	Assess methods for monitoring specification compliance	6/84	5/84	8/84		A 4/85
2.4.2.4	Implement appropriate corrective actions	11/84		3/85		B 9/85

ACCOMPLISHMENTS

Continued work on draft report.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	7/84		11/84	402	521	521	100.0

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	7/84		 3/84

ACCOMPLISHMENTS

Report given to Nuclear Operations - Quality Assurance for their review.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	3,888	96.3




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	A 3/84
	B) Personnel Safety	1/84	1/84	4/84	4/84	B 9/84
	C) Fire Protection	1/84	1/84	4/84	4/84	A 3/84
	D) Plant Security	1/84	1/84	4/84	4/84	A 3/84
2.4.4.2	Recommendations for Policy & Procedures Revision	4/84	5/84	7/84		B 9/84
2.4.4.3	Approval of recommendations -- implementation	8/84		10/84		

ACCOMPLISHMENTS

Management met with the consultant to resolve comments on the draft report. A final report will be issued in July, 1984.

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	2,024	41.7

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	A 12/83
E	Fill 50% of the priority engineering positions	9/83	7/83	3/84	3/84	B 3/84
F	Fill 75% of the priority engineering positions	9/83	7/83	6/84	5/84	E 6/84
G	Fill 100% of the priority engineering positions	9/83	7/83	9/84		F 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	3/84	
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	7/84		 D 5/84
2.4.5.8	Evaluate effectiveness of program—GM sponsored	6/84	6/84	9/84		
2.4.5.9	Review MIS for status tracking					
2.4.5.10	Implement approved MIS System					

These activities are considered closed since other Action Plans will encompass this subject.

ACCOMPLISHMENTS

Eighty-four percent of the priority positions have been filled to date. An Open House Recruitment is scheduled for July 23, 1984. General Managers and Assistant General Managers of the two involved departments met on June 20, 1984 to further consider report items. Some remaining open items still require resolution, however, the majority of the items have been addressed and either completed or specific follow-up action identified. A final meeting of the General Manager's is scheduled for July 24, 1984 at which time the remainder of the recommendations will be acted upon.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	5/84	9/84	1984	1,959	1,959	100.0

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	C 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	A 12/83
2.5.1.4	Team Building with all supervisors to resolve priority concerns	1/84	1/84	2/84	2/84	B 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

Completed verification of Close Out of Action Plan 2.5.1.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	960	62.3

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	5/84	6/84	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

Issued minutes of meeting of second Team Building Session with contractor. Issued memo closing out Activity 2.5.2.4 by identifying common concerns of QA acceptance standards. Issued letter to the General Manager - Nuclear Services of items of concern noted from team Building meetings with other departments. Issued minutes of Team Building meeting of Hope Creek Operations, QA, Engineering and Construction, and Nuclear Operations - Quality Assurance.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	4,521	74.6

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	A 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		B 9/84
2.5.3.3	Develop uniform Deficiency Report (DR) system	3/84	3/84	9/84		B 9/84

ACCOMPLISHMENTS

QA Manual being revised. Minutes of meeting issued for first Deficiency Report Evaluation Team meeting. Second Deficiency Report Evaluation Team meeting held. Deficiency Report Evaluation Team study is continuing.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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	2,062	2,062	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	A 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	B 12/84
2.6.1.5	Monitor plan implementation	3/84	3/84	8/84	3/84	




ACCOMPLISHMENTS

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PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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		9/83	9/83	9/83	9/83	2/85	5/85		6/85	15716	17,156	6,789	39.5
SPONSOR	J. Gallagher												

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 Data Upgrade. Meetings held with Nuclear Planning Reliability Data System, Configuration Management, and Hope Creek Maintenance personnel.

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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		9/83	9/83	9/83	9/83	1/85	1/85		1/85	67116	67376	48,976	72.6
SPONSOR	J. Gallagher												

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	8/84		A 12/83
2.6.3.3	Review non-outage W/O scope, schedule	10/83	10/83	9/84		B 5/84
2.6.3.4	Determine which corrective W/O can be cascaded	2/84	2/84	5/84	2/84	
2.6.3.5	Develop resource loaded schedule	4/84	11/83	1/85		C 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 JUNE, 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		9/83	9/83	9/83	7/83	1/84	4/84	4/84	8/84	256	398	398	100.0
SPONSOR	F. Meyer												

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

PSE&G ACTION PLAN STATUS - MONTH ENDING JUNE, 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		7/83	7/83	7/83	7/83	2/85	1/85		4/85	2268	2268	1,391	61.2
SPONSOR	H. Midura												

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	A 2/84
	Implement strengthened outage management organization	3/84	3/84	1/85		B 4/85

ACCOMPLISHMENTS

Manager - Outage Services position analysis approved. Issued personnel requisition. Convened Outage Committee. Revised Outage Management plan and implementation schedule to synchronize with real time frame. Amended and obtained approval for Outage Management organizational charts. Revised and provided comments for Outage Management VPN.

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

ACTION PLAN	Records Management Program	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	% COMP.
2.7.1													
SPONSOR	R. Gearet	7/83	7/83	7/83	7/83	8/84	12/84		7/85	8112	8112	3,652	45.0

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	A 12/83
2.7.1.4	Develop funct. spec. R.M. retrieval system	11/83	11/83	5/84	5/84	E 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	5/84	8/84		C 8/84
2.7.1.7	Upgrade facilities and equipment as necessary	8/84	4/84	9/84		
2.7.1.8	Update records retention schedules	9/84	4/84	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		D 12/84

ACCOMPLISHMENTS

Continued work on procedures and Record Type List and making plans for computer system transfer. Completed loading the Records Type List program onto PSE&G's computer. Started an index criteria for inclusion of records in the system. Sent procedure out for second review. Started using an outside service bureau for filming of records. Discussed necessary facilities to handle filming and processing at the Island.

FSE&G ACTION PLAN STATUS MONTH ENDING JUNE, 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	3,104	61.1

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	5/84	
2.7.2.3	Mgmt. approval-implementation plan & resources	1/84	1/84	6/84	6/84	A 12/83
2.7.2.4	Develop functional specs for Integrated DC program	11/83	11/83	4/84	4/84	B 2/84
2.7.2.5	Procedures and system documentation	4/84	4/84	9/84		C 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		D 12/84

ACCOMPLISHMENTS

Discussed with DART inter-relationships regarding document control. Received Vice President - Nuclear approval for proposed plan. Initiated Purchase Order for consultant services to assist in the development of the Document Control program. Reviewed consultant's proposal for Document Control. Evaluated systems available at other utilities.

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

ACTION PLAN	Information Systems	START DATE				COMPLETE DATE				MANHOURS			
		BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	NRC	BASE	CURR. EST.	ACTUAL	Z COMP.
2.7.3													
SPONSOR	R. Gehret	9/83	9/83	9/83	9/83	1/87	1/87		6/87	141936	141936	12,182	8.5

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	A 4/84
	Development of a detailed design which specifies at a functional level all the characteristics of an integrated MIS	5/84	5/84	8/84		B 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		C 1/87
2.7.3.6	Establish Management Controls	10/84		1/87		C 1/87

ACCOMPLISHMENTS

Beginning development interface with Document Control. System and user documentation and manuals development are in progress. Records Management System preliminary "Focus" programs were loaded onto the PSE&G mainframe. Work order problems are still under analysis for potential fixes. The MIS Group is getting involved in the Records Management Action Plan. The Request for Proposal for Action Plan 2.6.2 was sent out for internal review on June 19, 1984 and is in the process of being finalized for distribution to the vendors. Representatives from the Human Resources Systems group in Newark met with Management Information Systems and Nuclear Department administrators to discuss implementation of the Human Resource System. Automated Document Distribution Systems are being reviewed for possible use by the Nuclear Department. Requirements are being gathered for a Nuclear Department MOIC Tracking System. The "PREMS" Specification is being reviewed by the users. The following Analysis/Specifications are being worked on: "ATS", "TRAINING", "COMMITMENT TRACKING", "MOIC TRACKING", "OMS", and "MANAGED MAINTENANCE".

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		8/83	9/83	8/83	8/83	4/84	4/84	4/84	4/84	2036	2,018	2,018	100
SPONSOR	H. D. Hanson												

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	B 12/83
	b) Meet staffing goals				4/84	E 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	D 2/84
	b) Audit implementation of revised procedures				4/84	E 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	A 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	A 11/83
	b) Consultant review completed				1/84	C 1/84
	c) Revised/upgraded training developed and presented as required				4/84	E 4/84

ACTIVITY

DESCRIPTION

START	
SCHED.	ACTUAL

COMPLETE	
SCHED.	ACTUAL

MILESTONE TARGET

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
- b) Act on recommendations as required

1/84 1/84
1/84 2/84

B 12/83
D 2/84

ACCOMPLISHMENTS