



CHARLES CENTER • P.O. BOX 1475 • BALTIMORE, MARYLAND 21203-1475

LEON B. RUSSELL  
MANAGER  
NUCLEAR SAFETY & PLANNING DEPARTMENT

October 5, 1990

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US Nuclear Regulatory Commission  
Washington, DC 20555

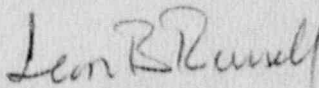
Attention: Mr. Bruce R. Boger  
Mail Stop 14A2

Subject: Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 and 2, Docket Nos. 50-317 and 50-318  
Performance Improvement Plan Update.

Enclosed please find a copy of the Performance Improvement Plan Implementation Program (PIP-IP) Schedule Status as of October 2, 1990. To date, 13 Action Plans have been verified as implemented, 6 are pending verification, and 27 remain active. Attached is a brief synopsis of our activities. Also attached is an updated list of key Action Plan information, including verification status.

Please contact me (260-6680) or Rich Olson (260-3771) should you have any questions.

Sincerely,

  
Leon B. Russell

Attachments

00074

9010230064 901005  
PDR ADOCK 05000317  
P PNU

*Handwritten initials:* AOO  
11

Mr. Bruce R. Boger  
October 5, 1990  
Page 2

bcc: Messrs.	G. C. Creel	(w/synopsis)
	C. H. Cruse	(w/synopsis)
	R. E. Denton	(w/synopsis)
	R. P. Heibel	(w/synopsis)
	J. R. Lemons	(w/synopsis)
	G. L. Detter	(w/all)
	B. S. Montgomery	(w/all)
	R. C. L. Olson	(w/synopsis)
	R. F. Lewis	(w/synopsis)
	J. S. Fuoto	(w/synopsis)

**CALVERT CLIFFS  
NUCLEAR POWER PLANT**



**PERFORMANCE IMPROVEMENT  
PLAN**

**SCHEDULE STATUS  
AS OF  
October 2, 1990**

**BALTIMORE GAS AND ELECTRIC COMPANY**

**CRITICAL PATH  
ANALYSES**



**\*\* RECOMMENDED CORRECTIVE ACTION \*\***

CURRENTLY THE AWARD OF CONTRACT FOR TASK 2 IS SCHEDULED TO COMMENCE ON OCTOBER 5, 1990. TASK 2 SCHEDULE WILL BE REVISED TO REFLECT THE AWARD OF CONTRACT DATE.

5.03.3 TECHNICAL MANUAL IMPROVEMENTS

ROY, TOM -10 DAYS

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THIS ACTION PLAN IS -10 DAYS NEGATIVE. THE NEGATIVITY IS ATTRIBUTED TO THE BOTTLE NECK IN WORD PROCESSING. CURRENTLY THE FINAL TECHNICAL REVIEW IS SCHEDULED TO COMPLETE ON OCTOBER 5, 1990.

**\*\* RECOMMENDED CORRECTIVE ACTION \*\***

N/A

5.02.1 PROCEDURES UPGRADE PROGRAM

SHERANKO, BOB -4 DAYS

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THIS ACTION PLAN IS -4 DAYS NEGATIVE. THE NEGATIVITY IS ATTRIBUTED TO THE REPRIORITIZATION OF THE PROCEDURE UPGRADE PROGRAM IN SUPPORT OF A REQUEST BY THE VP-NED TO HAVE THE ADMINISTRATIVE HIERARCHY PROCEDURES IN PLACE BY DECEMBER 31, 1990.

**\*\* RECOMMENDED CORRECTIVE ACTION \*\***

THIS ACTION PLAN SCHEDULE IS CURRENTLY BEING REVISED TO INCORPORATE AND ACCOMODATE THE COMMITMENT TO HAVE THE ADMINISTRATIVE PROCEDURES APPROVED AND ISSUED BY DECEMBER 31, 1990, WITH MINIMAL IMPACT TO THE PRESENT SCHEDULE.

## APPENDIX A

### EXECUTIVE SUMMARY REPORT

#### LEGEND:

% COMPLETE PIP	BASED ON MAN-HOURS ASSIGNED TO ALL ACTIVITIES DIRECTLY RELATED TO COMPLETION OF THE ACTION PLAN OR MILESTONES.
% COMPLETE ALL	BASED ON MAN-HOURS ASSIGNED TO ALL ACTIVITIES INCLUDING ONGOING AS A RESULT OF PIP ACTIVITIES OR MILESTONES.
TOTAL FLOAT	THE DIFFERENCE IN WORKDAYS BETWEEN ACTIVITY DATES REQUIRED TO SUPPORT THE MILESTONE DATES AND CURRENT STATUS.
NEGATIVE VALUES -	INDICATE ONE OR MORE OF THE MILESTONE IS LATE BY THE INDICATED NUMBER OF WORKDAYS.
POSITIVE VALUES -	INDICATE THAT A CERTAIN AMOUNT OF SLACK (FLOAT) EXISTS BETWEEN THE END OF THE ACTIVITIES AND THE MILESTONE MILESTONES.
ZERO VALUE -	INDICATES THE MILESTONES ARE EXACTLY ON SCHEDULE AND ACTIVITIES MUST BE COMPLETED ON TIME TO KEEP ON SCHEDULE.
IMPLE VERIF COMPLETE	
"YES"	INDICATES SATISFACTORY COMPLETION OF THE IMPLEMENTATION VERIFICATION AND THE ACTION PLAN.
"REVERIFY"	INDICATES UNSATISFACTORY RESULTS OF THE IMPLEMENTATION VERIFICATION AND WILL REQUIRE ADDITIONAL WORK TO BE PERFORMED ON THE ACTION PLAN AND ANOTHER IMPLEMENTATION VERIFICATION.
"N/A"	INDICATES NOT APPLICABLE AS NO IMPLEMENTATION VERIFICATION IS REQUIRED.

DATA DATE 20CT90  
 RUN DATE 03OCT90 1931HRS

PERFORMANCE IMPROVEMENT PLAN  
 EXECUTIVE SUMMARY REPORT

ACT PLAN # / TITLE	PLAN MANAGER	TOTAL		START DATE	FINISH DATE	TOTAL FLOAT	ALL MILESTONES COMPLETE	IMPLEMENT. VERIFICATION COMPLETE
		MANHOURS	% COMPLETE PIP / ALL					
<b>MANAGEMENT PROCESS IMPROVEMENTS</b>								
2.02.1 PERFORMANCE STANDARDS	MARKOWSKI, MIKE	1050	100 100	13JUL89	9AUG90	0	YES	
2.02.2 COMMUNICATIONS PLAN	DONOHUE, ANN	10050	100 100	12JAN89	30MAR90	0	YES	
2.03.0 NPP ISSUES BASED PLANNING	TIETJEN, KEN	775	99 99	5JUN89	5NOV90	0	YES	
2.05.1 COMMITMENT TRACKING SYSTEM	MARKOWSKI, MIKE	2766	100 100	21APR89	5JUN90	0	YES	YES
2.05.2 REGULATORY COMMITMENT MNGMNT PROCES	MANN, BRIAN	87268	1 1	1MAR90	6NOV92	-13		
2.05.3 ACCOUNTABILITY IMPROVEMENTS	MARKOWSKI, MIKE	N/A	100 100	8JAN90	12APR90	0	YES	YES
<b>ORGANIZATIONAL DYNAMICS IMPROVEMENTS</b>								
3.02.0 MANAGING ORGANIZATIONAL & PGM CHANG	MARKOWSKI, MIKE	1120	100 100	26JUN89	21SEP90	0	YES	
3.03.0 LEADERSHIP CONFERENCES	MARKOWSKI, MIKE	516	100 100	12JUN89	20NOV89	0	YES	YES
3.04.0 TEAM WORK & INTERFACES	MARKOWSKI, MIKE	1936	82 82	20JUL89	20MAR91	0		
3.05.0 PROJECT MANAGEMENT	ZUHWALT, ERIC	2610	100 100	10JUL89	12SEP90	0	YES	
3.06.0 DAILY & OUTAGE WORK CONTROL	THORP, JOHN	4822	100 100	22JUN89	26FEB90	0	N/A	N/A
3.06.1 SITE INTEGRATED SCHEDULING	DOSWELL, JOE	14529	40 40	10JUL89	6SEP91	0		
3.06.2 MAINTENANCE WORK CONTROL	HAYDEN, JOHN	4290	88 88	1FEB89	31DEC90	0		
3.06.3 OPERATIONS IMPROVEMENT PLAN	THORP, JOHN	12314	26 21	1FEB89	7APR93	0		
3.07.0 ENGINEERING PLANNING	MARINARI, DAN	5360	100 100	3JAN89	29JAN90	0	YES	YES
3.08.0 SYSTEM CIRCLES	DAVIS, STEVE	4099	100 100	28NOV88	9MAR90	0	YES	YES
3.09.0 QUALITY CIRCLES PROGRAM	EDWARDS, ANN	13950	100 37	14MAR89	2JAN92	0	YES	
<b>ASSESSMENT CAPABILITY IMPROVEMENTS</b>								
4.00.0 POEAC	PIERINGER, PAUL	N/A	N/A N/A	31JUL89	31JUL89	0	YES	YES
4.01.1 OPERATING EXPERIENCE REVIEW	PIERINGER, PAUL	8424	74 74	15JAN90	3SEP91	0		
4.02.0 QC IMPROVEMENTS	ROMNEY, KEN	66280	86 82	1JUN89	21DEC90	0		
4.03.0 QA INTERNAL ASSESSMENT IMPROVEMENTS	ANUJE, ANA	11496	100 100	10MAY89	2JAN90	0	YES	YES
4.04.0 INDEPENDENT SAFETY EVALUATION UNIT	PIERINGER, PAUL	27832	79 80	15JUN88	20DEC90	0		
4.05.0 SAFETY ASSESSMENT	KATZ, PETE	2484	97 97	8MAY89	28FEB91	0		
4.06.0 ROOT CAUSE ANALYSIS IMPROVEMENTS	DAVIS, STEVE	25600	99 99	1JUN88	11FEB91	0		
4.07.0 POSRC	CARROLL, JOHN	1570	100 99	1JUN89	9OCT91	0	YES	
4.08.0 OSSRC	NIERNIKI, MIKE	1229	100 100	20JAN89	25JAN90	0	YES	YES
4.09.0 VISITING OTHER PLANTS	CAMPO, GENE	1366	100 100	3JUL89	29JUN90	0	YES	YES
4.10.0 ISSUES MANAGEMENT SYSTEM	DOSWELL, JOE	14688	18 18	1MAY90	19AUG91	0		
<b>ACTIVITY CONTROL IMPROVEMENTS</b>								
5.01.0 AUXILIARY SYSTEMS ENGINEERING UNIT	TUCKER, LARRY	N/A	N/A N/A	5JUL89	5JUL89	0	YES	YES
5.02.1 PROCEDURE UPGRADE PROGRAM	PRITCHETT, TOM	665983	99 37	1FEB89	31DEC92	0		
5.02.2 SURVEILLANCE TEST PROGRAM	DUNKERLY, CHARLIE	62497	83 12	1JUN89	23DEC92	0		
5.02.3 POST MAINTENANCE TESTING	HAYDEN, JOHN	3988	100 100	1FEB89	13OCT89	0	YES	YES
5.03.1 PROCUREMENT PROGRAM PROJECT	CELLARS, KEVIN	40258	87 87	5SEP89	14DEC90	-39		
5.03.2 EQUIP TECH DATABASE/MAINT PLNG SYS	BROWN, LARRY	74388	70 55	1MAR89	21JUN91	-71		
5.03.3 TECHNICAL MANUAL IMPROVEMENTS	ROY, TOM	6618	99 99	29FEB88	6NOV90	-10		
5.03.4 DESIGN BASIS CONSOLIDATION	PERKS, PAUL	179352	99 10	1MAR88	22SEP94	-15		
5.03.5 RECORDS MANAGEMENT/DOCUMENT CONTROL	VOGEL, ANN	4201	99 99	5FEB90	18OCT90	0		
5.03.6 INFORMATION RESOURCE MNGMNT PROJECT	BARTH, AL	13346	60 60	1FEB90	9AUG91	0		
5.03.7 DRAWING IMPROVEMENT PROJECT	BURDSALL, G.	N/A	N/A N/A			0		
5.04.1 SYSTEM ENGINEER TRAINING	YOE, JIM	13002	100 100	5MAY89	4JAN90	0	YES	YES
5.04.2 MINOR MODIFICATIONS	MIRANDA, TONY	7748	71 71	21AUG89	4JAN91	0		
5.04.3 RELIABILITY CENTERED MAINTENANCE	GREENE, KEN	14789	70 71	30SEP88	15AUG91	0		
<b>PIP VERIFICATION PROCESSES</b>								
6.01.0 PIP IMPLEMENTATION VERIFICATION	PHIFER, JERRY	890	30 31	7JUL89	27SEP91	0		
6.03.0 PIP EFFECTIVENESS VERIFICATION	PHIFER, JERRY	6640	36 36	5FEB90	29OCT91	0		
<b>TOTALS</b>		1422132	75 41	29FEB88	22SEP94	-39		



**MILESTONE  
OVERVIEW**

STATUS AS OF OCTOBER 2, 1990

ACTION PLAN # / DESCRIPTION	PLAN MANAGER	M I L E S T O N E O V E R V I E W			
		TOTAL MILESTONES	NUMBER COMPLETE	SCHEDULED VS ACTUAL COMPLETE (PREVIOUS 2 WKS)	# SCHEDULED NEXT 2 WKS
<b>MANAGEMENT PROCESS IMPROVEMENTS</b>					
2.02.1 PERFORMANCE STANDARDS	MARKOWSKI, MIKE	2	2		COMPLETE
2.02.2 COMMUNICATIONS PLAN	DONOHUE, ANN	11	11		COMPLETE
2.03.0 NPP ISSUES BASED PLANNING	TIETJEN, KEN	6	6		COMPLETE
2.05.1 COMMITMENT TRACKING SYSTEM	MARKOWSKI, MIKE	4	4		COMPLETE
2.05.2 REGULATORY COMMITMENT MNGMNT PROCESS	MANN, BRIAN	16	2	2 / 1	1
2.05.3 ACCOUNTABILITY IMPROVEMENTS	MARKOWSKI, MIKE	2	2		COMPLETE
<b>ORGANIZATIONAL DYNAMICS IMPROVEMENTS</b>					
3.02.0 MANAGING ORGANIZATION & PGM CHANGE	MARKOWSKI, MIKE	3	3	1 / 1	COMPLETE
3.03.0 LEADERSHIP CONFERENCES	MARKOWSKI, MIKE	2	2		COMPLETE
3.04.0 TEAMWORK & INTERFACES	MARKOWSKI, MIKE	5	3	0 / 0	0
3.05.0 PROJECT MANAGEMENT	ZUMWALT, ERIC	9	9	0 / 0	0
3.06.1 SITE INTEGRATED SCHEDULING	DOSWELL, JOE	14	3	0 / 0	0
3.06.2 MAINTENANCE WORK CONTROL	HAYDEN, JOHN	5	4	1 / 1	0
3.06.3 OPERATIONS IMPROVEMENT PLAN	THORP, JOHN	5	1	0 / 0	0
3.07.0 ENGINEERING PLANNING	MARINARI, DAN	4	4		COMPLETE
3.08.0 SYSTEM CIRCLES	DAVIS, STEVE	6	6		COMPLETE
3.09.0 QUALITY CIRCLES PROGRAM	EDWARDS, ANN	8	8	1 / 1	COMPLETE
<b>ASSESSMENT CAPABILITY IMPROVEMENTS</b>					
N/A POEAC	PIERINGER, PAUL	4	4		COMPLETE
4.01.1 OPERATING EXPERIENCE REVIEW	PIERINGER, PAUL	4	0	0 / 0	0
4.02.0 QC IMPROVEMENTS	ROHNEY, KEN	8	5	0 / 0	0
4.03.0 QA INTERNAL ASSESSMENT IMPROVEMENTS	ANUJE, ANA	9	9		COMPLETE
4.04.0 INDEPENDENT SAFETY EVALUATION	PIERINGER, PAUL	7	1	0 / 0	0
4.05.0 SAFETY ASSESSMENT	KATZ, PETE	10	8	0 / 0	0
4.06.0 ROOT CAUSE ANALYSIS	DAVIS, STEVE	5	4	0 / 0	0
4.07.0 POSRC	CARROLL, JOHN	5	5		COMPLETE
4.08.0 OSSRC	MIERNICKI, MIKE	6	6		COMPLETE
4.09.0 VISITING OTHER PLANTS	CAMPO, GENE	5	5		COMPLETE
4.10.0 ISSUES MANAGEMENT SYSTEM	DOSWELL, JOE	25	3	0 / 0	0
<b>ACTIVITY CONTROL IMPROVEMENTS</b>					
5.01.0 AUXILIARY SYSTEMS ENGINEERING UNIT	TUCKER, LARRY	2	2		COMPLETE
5.02.1 PROCEDURE UPGRADE PROGRAM	LATHAM, DAN	15	12	0 / 0	0
5.02.2 SURVEILLANCE TEST PROGRAM	DUNKERLY, CHARLIE	11	10	0 / 0	0
5.02.3 POST MAINTENANCE TESTING	HAYDEN, JOHN	4	4		COMPLETE
5.03.1 PROCUREMENT PROGRAM PROJECT	CELLARS, KEVIN	9	3	2 / 0	1
5.03.2 EQUIPMENT DATABASE/MAINT PLNG SYS	BROWN, LARRY	10	6	1 / 0	0
5.03.3 TECHNICAL MANUAL IMPROVEMENTS	ROY, TOM	10	9	0 / 0	0
5.03.4 DESIGN BASIS CONSOLIDATION	PERKS, PAUL	10	5	0 / 0	0
5.03.5 RECORDS MANAGEMENT/DOCUMENT CONTROL	VOGEL, ANN	3	2	0 / 0	1
5.03.6 INFORMATION RESOURCE MNGMNT PROJECT	BARTH, AL	4	0	0 / 0	0
5.03.7 DRAWING IMPROVEMENT PROJECT	BURDSALL, G.	0	0	0 / 0	0
5.04.1 SYSTEM ENGINEER TRAINING	YOE, JIM	4	4		COMPLETE
5.04.2 MINOR MODIFICATIONS	MIRANDA, TONY	12	7	2 / 2	0
5.04.3 RELIABILITY CENTER MAINTENANCE	GREENE, KEN	10	5	0 / 0	0
<b>TOTALS</b>		294	189 (64%)	10 / 6	3
ACTION PLAN # / DESCRIPTION		TOTAL VERIF. SCHEDULED (INCL. REVERIF)	NUMBER DUE TO START IN OCTOBER	NUMBER COMPLETE (ACTION PLANS)	
<b>PIP VERIFICATION PROCESSES</b>					
6.1.0 IMPLEMENTATION VERIFICATION OVERVIEW	PHIFER, JERRY	41	2	12	
6.3.0 PIP EFFECTIVENESS VERIFICATION	PHIFER, JERRY	4	0	1 OF 4 SLICE VERIF. COMPLETE	

**CHANGE CONTROL  
OVERVIEW**

STATUS AS OF OCTOBER 2, 1990

CHANGE CONTROL OVERVIEW

ACTION PLAN # / DESCRIPTION	PLAN MANAGER	CHANGE CONTROL OVERVIEW			
		TOTAL CHANGE REQUESTS WRITTEN	CHANGE REQUESTS AWAITING APPROVAL	CHANGE REQUESTS APPV/INCORPORATED	DISAPPROVED CHANGE REQUESTS
<b>MANAGEMENT PROCESS IMPROVEMENTS</b>					
2.02.1 PERFORMANCE STANDARDS	MARKOWSKI, MIKE	3	0	3	0
2.02.2 COMMUNICATIONS PLAN	DONOHUE, ANN	3	0	3	0
2.03.0 NPP ISSUES BASED PLANNING	TIETJEN, KEN	3	0	3	0
2.05.1 COMMITMENT TRACKING SYSTEM	MARKOWSKI, MIKE	1	0	1	0
2.05.2 REGULATORY COMMITMENT MNGMNT PROCESS	MANN, BRIAN	2	0	2	0
2.05.3 PERFORMANCE OBJECTIVE IMPROVEMENTS	MARKOWSKI, MIKE	1	0	1	0
<b>ORGANIZATIONAL DYNAMICS IMPROVEMENTS</b>					
3.02.0 MANAGING ORGANIZATION & PGM CHANGE	MARKOWSKI, MIKE	0	0	0	0
3.03.0 LEADERSHIP CONFERENCES	MARKOWSKI, MIKE	1	0	1	0
3.04.0 TEAMWORK & INTERFACES	MARKOWSKI, MIKE	2	0	2	0
3.05.0 PROJECT MANAGEMENT	ZIMWALT, ERIC	3	0	3	0
3.06.0 DAILY & OUTAGE WORK CONTROL	THORP, JOHN	1	0	1	0
3.06.1 SITE INTEGRATED SCHEDULING	DOSWELL, JOE	5	0	5	0
3.06.2 MAINTENANCE WORK CONTROL	HAYDEN, JOHN	1	0	1	0
3.06.3 OPERATIONS IMPROVEMENT PLAN	THORP, JOHN	2	0	2	0
3.07.0 ENGINEERING PLANNING	MARINARI, DAN	1	0	1	0
3.08.0 SYSTEM CIRCLES	DAVIS, STEVE	0	0	0	0
3.09.0 QUALITY CIRCLES PROGRAM	EDWARDS, ANN	1	0	1	0
<b>ASSESSMENT CAPABILITY IMPROVEMENTS</b>					
N/A POEAC	PIERINGER, PAUL	0	0	0	0
4.01.1 OPERATING EXPERIENCE REVIEW	PIERINGER, PAUL	2	0	2	0
4.02.0 QC IMPROVEMENTS	ROMNEY, KEN	5	1	4	0
4.03.0 QA INTERNAL ASSESSMENT IMPROVEMENTS	ANUJE, ANA	0	0	0	0
4.04.0 INDEPENDENT SAFETY EVALUATION	PIERINGER, PAUL	1	0	1	0
4.05.0 SAFETY ASSESSMENT	KATZ, PETE	1	0	1	0
4.06.0 ROOT CAUSE ANALYSIS	DAVIS, STEVE	1	0	1	0
4.07.0 POSRC	CARROLL, JOHN	2	0	2	0
4.08.0 OSSRC	MIERNICKI, MIKE	0	0	0	0
4.09.0 VISITING OTHER PLANTS	CAMPO, GENE	3	0	3	0
4.10.0 ISSUES MANAGEMENT SYSTEM	DOSWELL, JOE	3	0	3	0
<b>ACTIVITY CONTROL IMPROVEMENTS</b>					
5.01.0 AUXILIARY SYSTEMS ENGINEERING UNIT	TUCKER, LARRY	0	0	0	0
5.02.1 PROCEDURE UPGRADE PROGRAM	LATHAM, DAN	5	0	5	0
5.02.2 SURVEILLANCE TEST PROGRAM	DUNKERLY, CHARLIE	4	0	4	0
5.02.3 POST MAINTENANCE TESTING	HAYDEN, JOHN	0	0	0	0
5.03.1 PROCUREMENT PROGRAM PROJECT	CELLARS, KEYIN	3	0	3	0
5.03.2 EQUIPMENT DATABASE/MAINT PLNG SYS	BROWN, LARRY	5	0	5	0
5.03.3 TECHNICAL MANUAL IMPROVEMENTS	ROY, TOM	0	0	0	0
5.03.4 DESIGN BASIS CONSOLIDATION	PERKS, PAUL	2	0	1	1
5.03.5 RECORDS MANAGEMENT/DOCUMENT CONTROL	VOGEL, ANN	2	0	2	0
5.03.6 INFORMATION RESOURCE MNGMNT PROJECT	BARTH, AL	1	0	1	0
5.03.7 DRAWING IMPROVEMENT PROJECT	BURDSALL, G.	0	0	0	0
5.04.1 SYSTEM ENGINEER TRAINING	YOE, JIM	2	0	2	0
5.04.2 MINOR MODIFICATIONS	MIRANDA, TONY	4	0	4	0
5.04.3 RELIABILITY CENTER MAINTENANCE	GREENE, KEN	3	0	3	0
6.01.0 IMPLEMENTATION VERIFICATION	PHIFER, JERRY	2	0	2	0
<b>TOTALS</b>		<b>81</b>	<b>1</b>	<b>79</b>	<b>1</b>

## **SYNOPSIS OF PIP PROGRESS**

For the period September 18 - October 2, 1990

### **Implementation Verification:**

Verification of Action Plan 2.3, NPP Issues Based Planning was completed 10/4/90. The schedules for Action Plans 2.1, 2.2, 3.2, 3.5, 3.9, and 4.7 show all activities complete and implementation verifications are being conducted.

### **Effectiveness Verification:**

The 2nd Effectiveness Verification Assessment Report is expected to be issued the week of October 15.

### **PIP-IP**

Revision 5 to the PIP-IP is underway. We have revised our planned submittal for this to October 29th, 1990.

MASTER LIST OF ACTION PLANS AND AP MANAGERS

10/05/90

<u>STATUS</u>	<u>AP#</u>	<u>AP MGR</u>	<u>PHONE</u>	<u>TITLE</u>
a	2.1	M. Markowski	4479	Performance Standards
a	2.2	A. Donohoe	4733	Communications Plan
v	2.3	K. Tietjen	4120	NPP Issues Based Planning
*	2.4			Resource Allocation
v	2.5.1	M. Markowski	4479	Cmtmt Tracking System
	2.5.2	B. Mann	6517	Reg Cmtmt Mgmt Process
v	2.5.3	M. Markowski	4479	Perform. Object.Improvements
*	3.1			Organizational Improvements
a	3.2	M. Markowski	4479	Managing Org & Pgm Change
v	3.3	M. Markowski	4479	Leadership Conferences
	3.4	M. Markowski	4479	Teamwork & Interfaces
a	3.5	E. Zumwalt	4952	Project Management Improvements
	3.6.1	J. Doswell	3506	Site Integrated Scheduling
	3.6.2	J. Hayden	4359	Maintenance Work Control
	3.6.3	J. Thorp	4427	Operations Improvement Plan
v	3.7	D. Marinari	3942	Engineering Planning
v	3.8	S. Davis	4612	System Circles
a	3.9	A. Edwards	6611	Quality Circles Program
v	4.1(old)			
	4.1(new)	P. Pieringer	4060	Operating Experience Review
	4.2	K. Romney	4900	QC Improvements
v	4.3	A. Anuje	4919	QA Internal Assess Improvements
	4.4	P. Pieringer	4060	Indep Safety Eval
	4.5	P. Katz	4160	Safety Assessment
	4.6	S. Davis	4612	Root Cause Analysis
a	4.7	J. Carroll	4103	POSRC
v	4.8	M. Miernicki	#	OSSRC (#159-5450)
v	4.9	G. Campo	4360	Visiting Other Plants
	4.10	J. Doswell	3506	Issues Mgmt System
v	5.1	L. Tucker	4724	Aux Sys Eng Unit
	5.2.1	T. Pritchett	4968	Procedures Upgrade Program
	5.2.2	C. Dunkerly	4854	Surveillance Test Program
v	5.2.3	J. Hayden	4359	Post Maintenance Testing
	5.3.1	K. Cellars	4828	Procurement Program Project
	5.3.2	L. Brown	4387	ETD/MPS
	5.3.3	G. Roy	3612	Technical Manual Improvements
	5.3.4	P. Perks	3611	Design Basis Consolidation
a	5.3.5	A. Vogel	4481	Records Management/Document Control
	5.3.6	A. Barth	3702	Information Resources Mgmt Project
	5.3.7	G. Burdsall	6906	Drawing Improvement Program
v	5.4.1	J. Yoe	4499	System Engineer Training
	5.4.2	T. Miranda	4709	Minor Modifications
	5.4.3	K. Greene	4385	Reliability-Centered Maintenance

a= All scheduled activities complete, but not verified.

v= Implementation Verification done. \* = Not an "Action Plan," per se