



POST RESTART PLAN

Tennessee Valley Authority
SEQUOYAH NUCLEAR PLANT



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SEQUOYAH NUCLEAR PLANT

Rev. 0

Approved By Phil A. Smith 1/8/20/93
Site Vice President Date

INTRODUCTION

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PURPOSE

The purpose of this plan is to describe those activities and key improvement strategies that will take place after restart. This plan also describes the process for proper identification, prioritization, funding, and management of improvement activities.

CONTENTS

This Plan contains the following sections:

1. Business Planning Process — A description of the process by which SQN identifies, prioritizes, funds, and manages improvement work.
2. Prioritization — A description of SQN's methods for prioritizing work
3. Management Oversight — Methods for ensuring the timely completion of activities including improvement plans
4. Improvement Plans — SQN priority improvement strategies for FY1994
5. Site Improvement Action Plans (SIP and MIL) – Attachment 1

This plan was prepared based on the input of managers and other employees. It has been approved by plant management and has the full support of senior corporate management. Effective implementation of this plan will continuously improve SQN performance.

SECTION 1

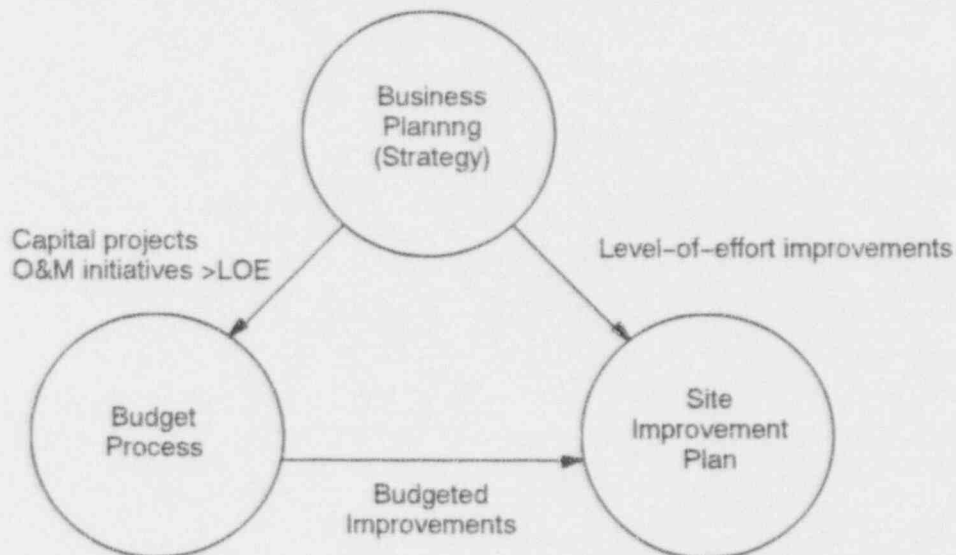
BUSINESS PLANNING PROCESS

BUSINESS PLANNING PROCESS

SQN established the following goals for FY1994:

- Enhance and sustain a nuclear safety culture
- Increase energy generation while achieving operational excellence
- Efficiently manage all activities to maintain costs as low as practical
- Protect the environment
- Attract, retain, and develop necessary qualified personnel
- Protect the health and safety of employees and contractors
- Achieve good corporate citizenship and support the economy

To meet these goals, an improved business planning process has been developed and implemented. The following simplified flow chart illustrates this process:



Business Plan (Strategy)

Managers met in a series of business planning meetings to develop a strategy for improvement efforts. The development of this strategy considered the results of previously completed self assessments as well as the progress made to-date in addressing previously identified weaknesses and action items. The following key improvement areas were identified:

- Backlogs
- Balance of Plant
- People/Management Effectiveness
- Process/Program Improvement
- Hardware Improvement

Improvement plans have been developed for each of the above areas and are included in SIP (Attachment 1).

Budget Process

Managers evaluated the proposed improvement projects and initiatives to determine resource needs. Some initiatives could be implemented with existing organizational baseline (i.e., level-of-effort) resources. Implementation of these initiatives was authorized with no further budgeting reviews required.

Some initiatives, however, required resources in excess of level-of-effort. The process for prioritization and funding of these items is as follows:

- Capital projects (e.g., plant modifications) and O&M hardware issues, from the Master Issues List (MIL), were included in the SQN project management process and were prioritized in accordance with Section 2 of this plan. Based on each project's relative priority, it was scheduled for work in FY1994 or later years. Issues scheduled for work in FY1994 are shown in the MIL Section of SIP (Attachment 1).
- O&M non-hardware initiatives were prioritized by responsible department managers. In a meeting of senior site managers, the departmental prioritizations were reviewed and adjusted as appropriate. The Site Vice President then decided the allocation of funds to the higher priority software initiatives. The outcome was that the highest priority initiatives were funded for work in FY1994 with lower priority initiatives scheduled for later years. The results are presented in the SIP (Attachment 1).

This planning and budgeting process provides assurance that high priority improvement needs have been identified, funded, and scheduled for work.

Site Improvement Plan (SIP)

The SIP is a list of improvement initiatives and action plans which includes identification of those that have been approved and funded for work in FY1994. Information entered into the SIP includes action items, owners, and (as applicable) due dates. SIP is a living document and will be used to identify emergent work activities, to status improvement work, and to keep management apprised of progress. Changes to action plans and closures of items in SIP will occur only after appropriate reviews and approval.

SIP items are categorized as (a) NRC Commitments, (b) TVA internal enhancements, or (c) departmental improvement plans.

FY1994 Business Plan

Improvement plans and related resource information will be documented in the SQN FY1994 Business Plan. This business plan will be communicated to employees and will be used as the basis for measuring success in FY1994.

SECTION 2

WORK PRIORITIZATION

WORK PRIORITIZATION

SQN has developed a work prioritization process which was applied to work activities not included in the base line - level of effort (LOE) funding. The prioritization of work activities is initiated by grouping the work activities into one of the four following priority categories:

Priority Categories

Category 1 - Nuclear/Personnel/Equipment Safety Items — Items or activities that if left unresolved, could affect the safe operation or shut down capability of the plant or significantly affect the margin of safety. Items or activities that have an immediate affect on personnel safety. Items that have a significant impact on plant equipment.

Category 2 - Regulatory Requirements — Items or activities that have implementation dates required by NRC rules, orders, or license conditions, or mandated by agencies other than the NRC (e.g., Environmental Protection Agency), Occupational Safety and Health Administration (OSHA). Items committed by TVA to a regulatory agency that would result in plant modifications or major programs.

Category 3A - Plant Reliability, Efficiency, and Productivity Issues — Items or activities desired to enhance operations via increased efficiency, productivity, or equipment life. Items or activities which, if performed, would result in a cost savings as determined by cost benefit analysis.

Category 3B - All Other Items — Items or activities requested to facilitate operations directly or indirectly. Items include plant betterment and program enhancements.

Prioritization Process

The prioritization process, as proceduralized in Nuclear Power Business Practice procedures, includes a ranking matrix to be applied to categories 2, 3A and 3B. Category 1 items are processed, without ranking, to the plant mode planning schedule (queue), which establishes the plant condition to perform the work activity. Category 3A work activities are additionally ranked by utilizing a Net Present Value cost benefit calculation. Prioritized category 2, 3A, and 3B activities are then subdivided into sub-categories for O&M and Capital budgets. These prioritized listings are then presented, for concurrence and approval, to the Plant Improvement Committee (PIC) and the Change Control Board (CCB), chaired by the Site Vice President. The CCB reviews these prioritized listings and allocates funding consistent with SQN goals and objectives. (Refer to SIP (Attachment 1) for the prioritized listing of action items for FY1994.)

Non-hardware activities above baseline (> LOE) are categorized, prioritized and scheduled by the responsible department managers with review and concurrence by senior management and approval of the Site Vice President.

The prioritization process is a living process where emergent work activities are categorized and prioritized utilizing the same process as described above.

SECTION 3

MANAGEMENT OVERSIGHT

MANAGEMENT OVERSIGHT

SQN has implemented a management oversight system to ensure effective implementation of work activities. This system includes both onsite and corporate involvement. This oversight will ensure detection of deteriorating performance which will allow management to take timely corrective action.

SQN Site Management Oversight

Site management has developed a management oversight system that provides for close and continuing management oversight of day-to-day activities and longer-term improvement activities. In part, this oversight is provided through periodic progress reports to senior management at various staff meetings.

The effectiveness of these meetings is enhanced by the use of a structured agenda that defines what subjects will be reviewed, at what frequency, and by what level of management, examples are as follows:

1. The Plant Manager conducts a daily Leadership Meeting to review plans for the next 24 hours and to review specific high priority subjects such as the following:

- LCO conditions
- Control room instruments out-of-service
- On-line chemistry instruments out-of-service
- Threats to generation
- Leaks
- Focus areas
- Areas of concern

At least twice a week the Site Vice President attends these meetings and monitors the status reports.

2. The Site Vice President conducts a team meeting at least weekly at which each department manager reports on key issues in his/her area. Examples of other subjects covered in these meetings include:

- Site Senior management overview
- Plant status review
- NRC reviews
- NSRB/PORC activity reviews
- Management issues
- Action plans for emerging issues

At least once a month, longer-term issues including business plan performance, key backlog work-off curves, and overall SIP progress are reviewed.

Corporate Technical and Operational Oversight

Corporate organizations provide continuing oversight of SQN activities in areas such as Chemistry, Radiological Control, Operations, Security, Maintenance, Emergency Preparedness, Fire Protection, and Engineering. Oversight will compare performance with established Nuclear Power standards, site goals, good practices at other TVA sites, and similar activities at other industry facilities. Activities that do not comply with established standards will be identified to the appropriate corporate and site management. Recommendations for improvement will be made, as appropriate.

Nuclear Assurance Oversight

Nuclear Assurance (NA) is responsible for the the conduct of independent oversight, assessments, and audits to ensure compliance with the QA plan and regulatory requirements. NA also performs selected assessments to evaluate site performance against established standards. Results of audits and assessments are provided to appropriate site and corporate management. Written corrective action reports will be required where appropriate.

Corporate Management Oversight

The Vice President of Nuclear Operations reviews SQN progress reports and attends site meetings on at least a planned weekly basis.

The President of the Generating Group reviews SQN's performance at quarterly Generating Group Business Plan review meetings and at monthly Plant Review meetings.

The above actions will ensure that the status of implementation activities are highly visible, that problems are quickly identified and corrected, and that managers and other employees are held accountable for their support of the planned activities.

SECTION 4

IMPROVEMENT PLANS

IMPROVEMENT PLANS

SQN managers developed the following Site Improvement Plan strategies for FY1994

- Backlogs
- Balance of Plant
- People/Management Effectiveness
- Process/Program Improvement
- Hardware Improvement

Summary – level information of each improvement area is presented in this Section.

Supporting action plans for each improvement area have been entered into SIP (Attachment 1).

SECTION 4A

BACKLOGS

BACKLOGS

Owner: Responsible Department Managers

Weakness:

Backlogs have been identified as an area of weakness that requires attention although considerable work has already been accomplished, namely:

- Backlogs have been identified
- The safety and reliability significance of each backlog has been determined
- Acceptable backlog start-up levels have been established

Objectives:

Backlogs will be reduced to a level where their potential impact is easily understood and their number controlled. This will lead to improvements in safety, reliability, and efficiency.

Improvement Plans:

The following guidelines are used to effectively manage backlogs after restart:

- A 'living' process has been implemented to provide for effective monitoring of backlogs. Both individual backlog components and the aggregate backlog will be periodically reviewed, in accordance with Section 3 of this plan, to ensure proper prioritization of work and to ensure that the backlog is maintained at or below target levels.
- Establish targets for ongoing backlogs.
- Develop action plans for backlogs that are greater than target (These action plans are entered into SIP, refer to Attachment 1).
- Backlogs requiring resources in excess of level of effort have been prioritized by senior site management and resources allocated in accordance with expected contribution to safety and reliability.

Backlogs: (Continued)

Managers have evaluated each of the 50 backlogs in accordance with these guidelines and the "Backlog Plan Process." (See Figure 1.)

A listing of backlogs, for which action plans have been developed are identified on the attached "Backlog Improvement" matrix Figure 2. Related action plans were entered into SIP (Attachment 1).

FIGURE 1 BACKLOG PLAN PROCESS

50 BACKLOGS

- 1 WORK REQUESTS/ WORK ORDERS
- 2 JUSTIFICATION FOR CONTINUED OPERATION/ ENGINEERING EVALUATIONS
- 3 COMPENSATION MEASURES
- 4 OPEN DESIGN CHANGES (DCR'S)
- 5 HOLD ORDERS
- 6 DRAWING CHANGES (CAT 2 & 3)
- 7 OPERATOR AIDES
- 8 OBSOLETE EQUIPMENT
- 9 ISSUES (DCR'S AND MIL'S)
- 10 DEFERRAL REQUESTS PM'S APPENDIX 1*
- 11 PROCEDURE CHANGE FORMS (PCF'S)
- 12 VENDOR MANUAL UPDATES
- 13 DRAWING DEVIATIONS (DD'S)
- 14 SETPOINT AND SCALING DOCUMENTS
- 15 CONDITIONS ADVERSE TO QUALITY (CAQ'S)
- 16 Q-LIST
- 17 TREND AND FAILURE ANALYSIS REPORT (TFAR)
- 18 NUCLEAR EXPERIENCE REVIEWS (NER'S)
- 19 TEMPORARY ALTERATION CHANGE FORM (TACF)
- 20 NUCLEAR REGULATORY COMMISSION (NRC) COMMITMENTS
- 21 TECHNICAL SUPPORT INVESTIGATION REQUESTS (TSIR'S)
- 22 OLD WORK PLANS
- 23 WELD MAPS
- 24 SPECIAL MAINTENANCE INSTRUCTIONS (SMI'S)
- 25 ENVIRONMENTAL QUALIFICATIONS (EQ'S)
- 26 UNVERIFIED ASSUMPTIONS (UVA'S) IN DESIGN INPUT
- 27 QUALITY ASSURANCE LEVEL II (NO RIP)
- 28 MATERIAL REQUIREMENTS (MR'S)
- 29 INSTRUMENT DATA PACKAGES (IDP'S)
- 30 LABEL REQUESTS
- 31 DATA INPUT (NPRD'S)
- 32 POTENTIAL REPORTABLE OCCURENCE (PRO) TROUBLESHOOTING (EXCEPT CAQ'S)
- 33 FSAR CHANGES
- 34 EMS UPDATES (IE FUSE TAB UPDATES INCL)
- 35 TECHNICAL SPECIFICATION CHANGES
- 36 DELINQUENT PM'S
- 37 BID/BIN REVIEWS, INSPECTION REPORT (PEQ MATERIAL ISSUES)
- 38 ENGINEERING CHANGE NOTICE/DESIGN CHANGE NOTICE (ECN/DCN)
- 39 DCN IMPACT REVIEW
- 40 MAINTENANCE HISTORY UPDATES
- 41 ADMINISTRATIVE HOLD PROCEDURES
- 42 PEQ/DCN PROCUREMENT
- 43 RIP 56 ITEMS
- 44 CALCULATION CROSS REFERENCE SYS.
- 45 NON TECH SPEC SI'S (CONVERSION TO PI'S)
- 46 RELIABILITY CENTERED MAINTENANCE (RCM)
- 47 SI REVIEWS/DEFICIENCY NOTICES (DN'S)
- 48 SITE PROCEDURES TRACKING SYSTEM (SPTS)
- 49 FSAR REVIEWS
- 50 PM REVISIONS

PRE-RESTART EVAL

- * INDIVIDUAL EVAL BRC/DEPT/ETC.
- * COLLECTIVE EVAL DEPT/BRC/MRRC
- * IDENTIFY RESTART USE CRITERIA
- * EMERGENT
- * IF > GOAL ACTION PLAN

> CRITERIA

RESTART WORK

- * RESTART LIST
- * RESTART WR/WO
- * RESTART MODS
- * RESTART WORKOFF CURVES AND LISTS

POST RESTART MONITOR

- * INDIVIDUAL EVAL SPO/MGR/ETC
- * COLLECTIVE MONITOR MGR/VP/ETC
- * ESTABLISH GOAL
- * MGT PROCESS
- * MONITOR FREQUENCY D/W/M/O/A
- * IF > GOAL ACTION PLAN

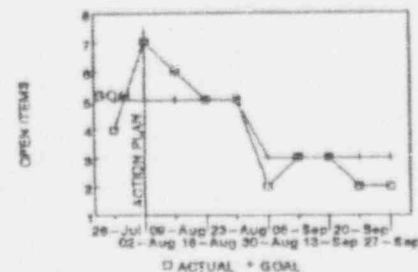
> GOAL

ACTION PLAN

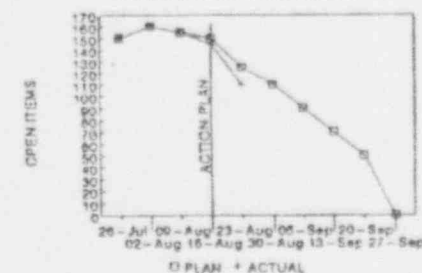
- * IDENTIFY ACTION
- * PRIORITIZE
- * ASSIGN ACTION
- * ESTABLISH DATES
- * RESOURCES

PERFORMANCE CURVES/LISTS

PERFORMANCE CURVE ACTION PLAN WHEN TOTAL > GOAL



WORKOFF CURVE ACTION PLAN TO WORK TO ZERO



RUNNING LIST

ITEM #1
ITEM #2
ITEM #3

* ACTION PLAN WHEN > GOAL OR AGE > GOAL

PUNCH LIST

ACTION #1
ACTION #2
ACTION #3

* THIS IS AN ACTION PLAN TO WORK TO ZERO

**FIGURE 2
BACKLOG IMPROVEMENT**

BACKLOG	OWNER	GOAL	MONITORING FREQUENCY (DAILY/WEEKLY /MONTHLY)	ACTION PLAN REQUIRED
1. WR/WOs	Maintenance	<800	W/M	Yes
2. JCO/EE	Site Engr.	<6 MONTH	M	Yes
3. Compensation Measures	Operations	<6 MONTH	M	Yes
4. Open DCN	Proj. Mgmt.	<130	M	Yes
5. Hold Order	Operations	<5>90 Days	M	Yes
6. Drawing Changes	Site Engr.	<120 Days	M	Yes
7. Operator Aids	Operations	<100	M	Yes
8. Obsolete Equipment	Proj. Mgmt.	N/A	N/A	N/A
9. Issues (MIL/DCR)	Tech. Support	N/A	M	N/A
10. PM Deferral Request	Tech. Support	<8>30 Days	M	No
11. Procedure Change Forms (PCF)	Site Support	N/A	M	N/A
12. Vendor Manual Updates	Site Engr.	<120 Days	M	Yes
13. Drawing Deviations (DD)	Site Engr.	<120 Days	M	Yes
14. Set point & Scaling Documents	Site Engr.	Zero	N/A	No
15. CAQs	Nuclear Assurance	<350	W/M/Q	Yes
16. Q-List Conversion	Site Engr.	Zero	M	Yes
17. TFAFs	Tech. Support	<150>90Days	M	No
18. NERs	Licensing	<85	M	No
19. TACFs	Tech. Support	<5 per unit, exiting an outage	M	Yes
20. NRC Commitments (CCTs)	Licensing	0 ≤ overdue	M	No
21. TSIRs	Tech. Support	<60 Days	M	Yes
22. Old Work Plans	Mods	Zero	M	Yes
23. Weld Maps	Mods	<58 Days	M	No
24. SMIs	Mods	Zero	M	Yes
25. Environmental Qualifications	Site Engr.	<90 Days	M	No
26. UVAs	Site Engr.	Zero	M	Yes
27. QA Level II (No RIP)	Site Engr.	Zero	M	Yes
28. Material Requests (MRs)	Mat'l.	<90 Days	M	Yes
29. Instrument Data Pack (IDPs)	Maintenance	Zero	M	Yes
30. Labels	Maintenance	<50 >50 Days	W/M	Yes
31. NPRDS	Maintenance	<3>120Days	M	No
32. TROI	Nuclear Assurance	N/A	M	No
33. FSAR Changes	Licensing	<30 Days	M	No
34. EMS-Fuse Tab	Site Engr.	Zero	M	No
35. Tech. Spec. Changes	Licensing	N/A	M	N/A
36. PMs Delinquent	Maintenance	≤5 & ≤15%	W/M	Yes
37. PEG Material Issues	Site Engr.	<250>15Days	M	Yes
38. Old ECN/DCN	Site Engr.	<60 Days	M	Yes
39. DCN Impact Review	Mods	N/A	M	N/A
40. Maintenance History	Maintenance	<450	M	No
41. Procedure-Admin. Hold	Site Support	N/A	M	No
42. PEG/DCN Procurement	Site Engr.	N/A	M	N/A
43. RIP 56 Items	Site Engr.	N/A	M	N/A
44. CCRs	Site Engr.	N/A	M	Yes
45. Pls	Operations	≤6	M	No
46. RCM	Maintenance	Zero	M	Yes
47. SI Reviews/DNs	Operations	≤25	M	No
48. SPTS	Site Support	≤50	M	No
49. FSAR	Site Engr.	N/A	M	N/A
50. PM Revision	Planning & Sch.	<300	W/M	Yes

SECTION 4B

BALANCE OF PLANT

BALANCE OF PLANT (BOP)

Owner: Technical Support Manager

Weakness:

Over the past several years, an increasing number of plant transients and reactor trips have resulted from secondary plant problems (BOP). Causes have included unexpected hardware failures, marginally designed or degraded systems/components performance, and ineffective application of programs/processes. Sufficient focus/priority has not been provided to the secondary plant to achieve effective, reliable operations.

Multiple reviews were conducted to ensure accurate identification of problem areas. These included INPO assistance, a comprehensive Secondary Plant Reliability Study, an independent Secondary Plant Design Review, reviews of technical programs areas as applied to the BOP and performance evaluations of BOP work by the Nuclear Assurance Organization. The reviews resulted in identification of specific areas of weakness, namely:

- Material Condition
- Design Basis and Design calculation assumptions
- Control of work, programs and processes

Objective:

The overall objectives are to improve the material condition and reliability of the plant to strengthen control of work for secondary plant activities, and to increase overall site focus on secondary plant performance. Additionally several specific objectives were identified:

- Accomplish those immediate and high priority items identified by the Secondary Plant Reliability Study
- Strengthen the preventive maintenance program for BOP equipment affecting plant trip and transient events
- Develop or re-generate Design Basis documents to enhance secondary plant operations and understanding
- Assure sensitive equipment procedures are effectively implemented and controlled in the secondary side (e.g., Trouble Shooting Procedure, Switchyard Control Procedure, Operations Configuration Procedure)
- Ensure through continuing management reinforcement that personnel have an adequate understanding of the importance of the BOP-related programs and processes and that they do not treat the secondary side any differently than safety related equipment

BOP: (Continued)

The BOP improvement projects to be worked in FY1994 have been identified, prioritized, funded and scheduled for work (refer to SIP, Attachment 1, to this plan). These projects come primarily from the following four categories:

- Implementation of high priority modifications from the Secondary Plant Reliability Study
- Implementation of high priority design-related activities from the Secondary Plant Design Study
- Revision or development of procedures affecting BOP activities and equipment
- Performance of Reliability Centered Maintenance studies. Review of preventive maintenances (PMs) for redundancies and un-needed PMs.

SECTION 4C

PEOPLE/MANAGEMENT EFFECTIVENESS

PEOPLE/MANAGEMENT EFFECTIVENESS

Owner: Employee Resource and Development (ER&D)

Weakness:

Analysis of past performance problems indicated evidence of inadequate personnel performance.

Additionally, a number of training deficiencies were identified in areas such as, Operations, and Systems Engineering. Also, the SQN operating experience level of the new site management chain needs to be strengthened.

Consequently, management concluded that a high priority effort was needed to improve human performance.

Objectives:

The objectives of this improvement strategy is to improve the performance of managers and employees through training and development activities, through improved articulation of high management expectations, through optimum organizational structure, and through clearly communicated personal and organizational missions/role.

Improvement Plans:

Human performance improvements include areas such as the following:

- Management development
- Performance improvement
- Employee development
- Organization optimization
- Communications

Improvement action plans for these areas have been developed and entered into the SIP (Attachment 1).

SECTION 4D

PROCESS/PROGRAM IMPROVEMENT

PROCESS/PROGRAM IMPROVEMENT

Owner: Designated Departments

Weakness:

As a result of departmental and inter-department assessments, it was recognized that many processes being implemented were not cost effective and were duplications of other departmental activities, accordingly management commissioned initiative reviews in a number of high priority areas.

Examples of such areas are as follows:

- EOI/AOI Procedures upgrade (program enhancements)
- FSAR (correction of non-design basis/non-operational descriptions)
- Automated Clearance Process (system enhancement)
- Program enhancements
- Prioritization Process (monitoring/improvement as necessary)
- Planning and Scheduling (process consolidation and enhancement)
- Information Management (improve interrelationships and flexibility of existing information data systems)
- Corrective Action Program (simplify and adjust sensitivity of thresholds)

Objectives

The following objectives were established for the process improvements:

- Revise programs and procedures to correlate to the optimum conditions and elimination of redundant activities or inherent road blocks to accomplishing an activity.
- Increase productivity through the elimination and enhancement of processes that effect personnel productivity.
- Enhance the information management systems to be able to more effectively communicate electronically and to provide broader flexibility.

Action plans for process/program improvement initiatives have been developed and entered into the SIP (Attachment 1).

SECTION 4E

HARDWARE IMPROVEMENT

HARDWARE IMPROVEMENTS

Owner: Plant Manager

Weaknesses:

The need for continuing improvement to the reliability of plant equipment has been identified.

Objectives:

The objectives are to improve the reliability and material condition of SQN plant hardware, to achieve increased energy generation, improve nuclear safety performance, and reduce maintenance and operating costs.

Improvement Plans:

Proposed hardware improvement projects have been identified and entered in the Master Issues List (MIL) maintained and updated by Project Management. These projects have been prioritized using the new prioritization methodology (refer to Section 2). Projects to be worked in FY1994 have been funded and scheduled for work and are shown on the MIL excerpt included in the SIP (Attachment 1).

FY1994 Projects have been selected from the following high priority areas:

- Chemistry upgrade
- Erosion/corrosion
- Secondary plant (BOP)
- Fire prot. (suppression/detection)
- Regulatory/commitments
- Site master plan
- Electrical upgrade
- Coatings upgrade
- Industrial safety
- ALARA/Rad issues
- HVAC
- S/G enhancements
- Risk mgt (PRA, IPEEE)
- Piping/supports
- Primary plant upgrade
 - Rad monitors
 - Ice condenser
 - Fuel transfer
 - Containment penetration
 - Recirc on RWST
 - RCP motors
 - CCP addition
 - Snubber reduction
- Switchyard
- Obsolete equipment
- MCR deficiencies
- Integrated information mgt system
- Environmental (Zebra mussels, PCBs, diesel oil)

ATTACHMENT 1

SITE IMPROVEMENT ACTION PLANS

ATTACHMENT 1

SITE IMPROVEMENT ACTION PLANS

This Attachment contains improvement action plans which address the improvement strategies of Section 1 of this Plan. These action plans are presented in two sections as described below:

SECTION 1 - SIP DATA BASE

"SIP" (Site Improvement Plan) is a data base of information about non-hardware related initiatives approved for work. These initiatives are organized into four categories which correspond to the strategies described in Section 1 of this Plan.

- Backlogs (represented as category AA)
- Balance of Plant (represented as category BB)
- People/Management Effectiveness (represented as category CC)
- Process/Program Improvements (represented as category DD)

SECTION 2 - EXCERPTS FROM MIL DATA BASE

"MIL" (Master Issues List) is a data base of information about hardware-related issues and represents both short-term improvement projects and long-term planning. As issues are approved and scheduled for work in a specific fiscal year the MIL is converted to a Fiscal Year Planning List (FYPL). Items shown in the attached excerpt from MIL have been approved for work in Fiscal Year 1994 and comprise the proposed FY1994 FYPL.

SITE IMPROVEMENT PLAN (SIP)

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PAGE NO. 1

CATEGORY AA: BACKLOGS

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
SS:BACKLOGS - KPOWERS						
AA1-500	B	LBRYANT		Reduce WR/WO Backlogs by working down to targets (Backlog #1) *Non-Outage Corrective WR/WO < 25% total >6months old. *Plant WR/WO noted in MCR < 80 *Control Room Instr WR/WO < 15 *Troubled Annunciators WR/WO < 40 *Non-Outage Corrective WR/WO < 800	30SEP93	29SEP94
AA1-501	B	MBURZYNSKI		Develop action plans to remove all JCO older than 6 months Review all JCOs monthly by SR Site Mgt. (Backlog #2)	16AUG93	30JUN94
AA1-502	B	JBAUMSTARK		Develop Actions and remove all Comp Measures older than 6 months and review all Monthly by SR Site Managers. (Backlog #3)	01OCT93	28FEB94
AA1-503	B	RDRAKE		Reduce open ECNs/DCNs to zero, open longer than 120 days past installation and verification. (Total Project 608k, 219k Engr, 389k mods.) (Backlog #4)	31OCT93	30JUL95
AA1-504	B	JBAUMSTARK		Reduce the Hold Orders to less than 5 open longer than 90 days. (Backlog #5)	01OCT93	30SEP94
AA1-505A	B	MBURZYNSKI		Reduce the Cat 2 and Cat 3 Drawing changes to zero that are older than 120 days. (Backlog #6)	01OCT93	30SEP97
AA1-505B	B	MBURZYNSKI	CBRIMER	Complete Phase I of drawing upgrade: Category 3E to 2, CRDR Hits, Class Break Hits, DDS, and System 43 flow diagrams.	08JUL93	31MAR94
AA1-505C	B	MBURZYNSKI	CBRIMER	Complete Phase II of drawing upgrade: for Category 3 Hits. (Total project 8.2M - To complete FY97)	01APR94	14JUN97
AA1-506	B	JBAUMSTARK		Reduce the number of Operator Aids to < 100. (Backlog #7)	01OCT93	04FEB94
AA1-507	B	MBURZYNSKI		Reduce the number of Vendor Manual changes to zero, older than 120 days. (Backlog #12) (Total project 720k.)	01MAY93A	01OCT95
AA1-508	B	MBURZYNSKI		Reduce the number of drawing deviations to zero, older than 120 days. (Backlog #13) NOTE: Funding included with Backlog #6. Done in conjunction with Cat 2 and Cat 3 drawing upgrades. (Backlog #13)	01OCT93	30SEP97
AA1-509	B	RDRISCOLL		Reduce the number of CAQs to less than 350 open. (Backlog #15)	01OCT93	01OCT94
AA1-509A	B	MBURZYNSKI		Reduce CAQs non-hardware Engineering deficiencies. (Total project 1.6M)	01OCT93	01OCT94

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CATEGORY AA: BACKLOGS

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:BACKLOGS - KPOWERS						
AA1-510	B	MBURZYNSKI		Complete conversion from hard copy Q-List to electronic version. (Total project 220K). (Backlog #16)	01OCT93	01OCT94
AA1-511	B	DLUNDY		Reduce the number of Temporary Alteration Change Forms (TACFs) to 5 per unit at conclusion of outage (Backlog # 19)	01OCT93	01JUN94
AA1-512	B	DLUNDY		Reduce the number of open Tech Support Investigation Reports (TSIRs) to zero, older than 60 days. (Backlog #21)	01OCT93	30NOV93
AA1-513	B	JSYMONDS		Reduce the number of old work plans to zero (Backlog #22).	01AUG93A	30DEC93
AA1-514	B	JSYMONDS		Reduce SMI to zero (Backlog #24) (SQPER920024).	01AUG93A	01APR94
AA1-515	B	MBURZYNSKI		Reduce the number of Old unverified Assumptions (UVAs) to zero. (Backlog #26)	01JUL93A	01DEC93
AA1-516	B	MBURZYNSKI		Reduce the number of QA Level II Items that need to be upgraded to zero. (No Rip) (Backlog #27)	01OCT93	01OCT94
AA1-517	B	MBURZYNSKI		Reduce the Backlog of Material Requests * Zero >90days old * Less than 100 on Engr Hold (Backlog #28)	01OCT93	30JUN94
AA1-518	B	LBRYANT	RPOOLE	Convert non-Tech Spec SIs to IDPs (Total Project 600k - To complete 01oct96) * Non-safety related * Quality Related * Safety related (Backlog #29)	01OCT93	30SEP96
AA1-519	B	LBRYANT	WHENDERSON	Reduce the Backlog of Label Request to less 50 older than 50 days. (Backlog #30)	01OCT93	01OCT95
AA1-520	B	LBRYANT	MNEEDHAM	Reduce the Backlog of Switchyard PMs (outside POA) to < goal. (Backlog #36)	01OCT93	30MAR95
AA1-521	B	MBURZYNSKI		Reduce the Backlog of Procurement Engineering Group (PEG) to less than 250 that are greater than 15 days old. (Backlog #37)	01JUL93A	30JAN94
AA1-522	B	MBURZYNSKI		Reduce the Backlog of Field complete ECM/DCN closure to zero. (Backlog #38)	01OCT93	01OCT94
AA1-523	B	MBURZYNSKI		Develop a calculation cross reference Index sys. (NOTE: FY95 Funding 134K) (Backlog #44)	01SEP94	01SEP95
AA1-524	B	LBRYANT	IDIBIASE	Complete Reliability Centered Maintenance for 32 identified systems. (Backlog # 46)	01OCT93	28FEB96
AA1-525	B	RRAUSCH		Reduce the number of PM request to < 300. (Backlog #50)	01OCT93	06NOV97

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CATEGORY BB: BALANCE OF PLANT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:BOP/MODS - KPOWERS						
BB1-500	B	MBURZYNSKI		Remove excess water in manhole in Switchyard; Pull cable to provide electric power to installed sump pumps.	01OCT93	30SEP94
BB1-501	B	MBURZYNSKI		Replace Feedwater Heater LS with more reliable model. (PM Program replacement item)	31OCT94	30NOV94
BB1-502	B	MBURZYNSKI		Install expanded No. 3 Heater Drain Tank sight glass.	01OCT93	30APR95
BB1-503	B	MBURZYNSKI		Install a control air low pressure alarm in the Main Control Room.	01OCT93	28JAN94
BB1-504	B	MBURZYNSKI		Replace obsolete Arrow-Hart contactors/ starters.	01SEP93	30SEP95
BB1-505	B	MBURZYNSKI		Install bearing lube water system; sandfilter failure causes clearwell draining and frequent use of emergency pumps whose loss could cause trip.	01OCT93	30SEP95
BB1-506	B	MBURZYNSKI		Replace obsolete Foxboro controller; for steam dump valves and Steam Generator Power Operated Relief Valves.	01OCT93	30SEP95
BB1-507	B	MBURZYNSKI		Replace obsolete main generator seal oil pressure switches.	01SEP93	30SEP95
BB1-508	B	MBURZYNSKI		Install #1 heater drain tank spillover line to the condenser.	01OCT93	30SEP95
BB1-509	B	MBURZYNSKI		Add redundant temperature switch in the stator cooling water control circuit.	01OCT93	30SEP95
BB1-519	B	MBURZYNSKI		Review design to reroute "operating vent lines". (Design Study)	30AUG93	15APR94
BB1-521	B	MBURZYNSKI		Review design to add positive closure valves in drain line around extraction steam non-return valves.(Design Study)	30AUG93	15APR94
BB1-522	B	MBURZYNSKI		Review design to add seat drains to 4th point heater extraction lines. (Design Study)	30AUG93	12SEP94
BB1-523	B	DLUNDY		Enter remaining BOP mods into work prioritiza- tion process.	01AUG93A	15JUN94
ISS:BOP/PROCEDURES - KPOWERS						
BB2-510	B	LBRYANT		Develop procedure and perform training for Maint/Mods working inside control room cabinets.	01OCT93	18FEB94
BB2-511	B	JBAUMSTARK		Evaluate revising Operations Procedures for 6.9kv shutdown boards utility bus.	01OCT93	18FEB94
BB2-512	B	RSHELL		Evaluate reducing frequency of turbine trip logic testing; request relief from weekly testing.	01OCT93	18FEB94

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CATEGORY BB: BALANCE OF PLANT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:BOP/PROCEDURES - KPOWERS						
BB2-513	B	JBAUMSTARK		Revise Operations procedures to reduce unnecessary equipment rotations.	01OCT93	18FEB94
BB2-514	B	JBAUMSTARK		Revise seal oil skid back up regulator test procedures to test equipment performance.	01OCT93	03MAR94
BB2-515	B	JBAUMSTARK		Evaluate the development of a procedure for heavy rain to prevent water entry into the 6.9kv unit boards.	01DEC93	03MAR94
BB2-516	B	LBRYANT	SCOLLIER	Add precautions to Maintenance procedures on preferred vital AC boards noting inadequate clearance between breakers & cutouts.	15NOV93	04MAR94
ISS:BOP/DESIGN RELATED - KPOWERS						
BB3-517	B	MBURZYNSKI	CBRIMER	Establish as-built drawings and design basis documents. For key BOP systems.	01OCT93	30SEP94
BB3-518	B	MBURZYNSKI	CBRIMER	Develop calculations for condensate, feedwater, heater drains and vent pumping systems (NPSH adequacy).	01OCT93	22JUN94
BB3-520	B	MBURZYNSKI	CBRIMER	Develop or recreate stored energy calculations.	01MAR94	21JUL94
ISS:BOP/RCM/PM - KPOWERS						
BB4-523	B	LBRYANT	IDIBIASE	Perform RCM/PM on Main Generator Cooling System #35, Loss of stator cooling water.	01OCT93	30JAN94
BB4-527	B	LBRYANT	IDIBASE	Perform RCM/PM on stator cooling water pressure switch (No manual isolation valve on discharge side of pump, will be reviewed as part of Sys. 35 Main Generator Cooling.	01OCT93	30JAN94
BB4-529	B	LBRYANT	IDIBASE	Perform RCM/PM on BOP xmitters are hard wired so loss of component losses function for turbine impulse pressure. This area will be worked with each BOP system RCM/PM activity.	01OCT93	31MAY96
ISS:BOP/MANAGEMENT - KPOWERS						
BB5-531	B	JBAUMSTARK		Management should define and reinforce expectations and quality standards relative to the secondary plant. (Responsible Org: Operations)	01OCT93	01OCT94
BB5-532	B	LBRYANT		Management should define and reinforce expectations and quality standards relative to the secondary plant. (Responsible Org: Maintenance)	01OCT93	01OCT94

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CATEGORY CC: PEOPLE/MANAGEMENT EFFECTIVENESS

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:EMPLOYEE DEVELOPMNT & PRODUCTIVITY-JMIGYANKA						
CC1-510	B	KPOWERS	JMIGYANKA	Adjust schedules as necessary to achieve standardization, increase productivity and increase workers' quality of work-life.	15AUG93	07JUL94
CC1-511	C	LBRYANT	JCAMPBELL	Implement NAB in electrical maintenance/mechanical maintenance to improve efficiency (will be considered complete when 35% of craft are receiving NAB pay).	01NOV92A	09AUG95
CC1-512	B	JBAUMSTARK		Implement process to enhance on-shift cross-training of OPS.	19MAY93	24SEP94
CC1-513	B	DLUNDY	RROGERS	Complete System Engineer qualification program.	01OCT93	30AUG95
CC1-515	C	MSHEPHERD	CRC CHAIR	CRC's to establish specific performance improvement goals.	19MAY93	01JAN94
CC1-516	C	MBURZYNSKI	CBRIMER	Implement plan for NE training program in accordance with SEP-9.1.2.	01OCT93	01OCT94
CC1-530	C	LBRYANT	JCAMPBELL	Establish maintenance craft trainee pipeline / plan.	30JUN94	29DEC94
CC1-533	B	JMIGYANKA	CCROWE	Staff the Live Well Center.	01OCT93	31OCT94
ISS:MANAGEMENT DEVELOPMENT & TRAINING-JMIGYANKA						
CC2-511	B	JMIGYANKA	HGROSSMAN	Complete the presentation of Coaching and Feedback Training to SQW supervisors.	01OCT93	01JUL94
CC2-512	B	JMIGYANKA	HGROSSMAN	Present Labor Relations training to 80% of targeted supervisors.	01OCT93	30SEP94
CC2-513	B	JMIGYANKA	HGROSSMAN	Present Supervisory Skills Development training to new supervisors and to targeted current supervisors.	01OCT93	15SEP94
CC2-514A	B	MSHEPHERD	NWELCH	Provide systems/operations training to the Operations Manager, the Plant Manager, and other selected Managers.	04OCT93	17DEC93
CC2-514B	B	MSHEPHERD	NWELCH	Train Trojan Operators for SRO License.	02AUG93A	01JUN94
CC2-516	C	LBRYANT	JCAMPBELL	Provide observation training for Maintenance line managers through foreman levels.	01JUN94	30MAY96
ISS:ORGANIZATION OPTIMIZATION - JMIGYANKA						
CC3-521	B	JMIGYANKA	VPDRS	Complete at least three organizational structure reviews. (The three organizations to be reviewed will be determined by 11/1/93).	01OCT93	30SEP94
CC3-522	C	JBAUMSTARK		Evaluate changing the position of U.O. Radwaste Coordinator to a permanent position manned by at least 1 U.O. per shift (instead of the 2 that are now on day shift).	01DEC93	30DEC93

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CATEGORY CC: PEOPLE/MANAGEMENT EFFECTIVENESS

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
SS:ORGANIZATION OPTIMIZATION - JMIGYANKA						
CC3-523	C	JBAUMSTARK		Evaluate the appropriate number of licensed (RO & SRO) personnel for full time two unit operation; evaluate against comparable plants.	01DEC93	30DEC93
CC3-524	A	JMIGYANKA	LHICKS	Update Organization Charts/Roles and Responsibilities on a monthly basis.	01OCT93	30SEP94
SS:PERFORMANCE IMPROVEMENT - JMIGYANKA						
CC4-522	B	JMIGYANKA	HRDS	Complete the implementation of the SQN Performance Improvement Program for management specialists and represented employees, communicate management expectations, assess performance, and implement individual developmental plans where necessary.	01JUN93A	30DEC93
CC4-523	C	JBAUMSTARK	NWELCH	Provide coaching sessions to address appropriate methods of performing selected operator activities. As a minimum coaching sessions should cover all areas identified as weaknesses from performance evaluations (e.g., SALP report, INPD report, SQN QA report, etc.) Examples are: <ul style="list-style-type: none">- operator rounds- verification- log keeping- annunciator response- shift turnover	21DEC92A	30SEP95
SS:CORPORATE TO SITE TRANSFERS - RMARTIN						
CC5-525	B	RMARTIN		Complete the implementation of the corporate to site transfer transition plans.	09AUG93A	30DEC93
CC5-526	B	RMARTIN		Assess the effectiveness of the corporate to site transfers.	01FEB94	01MAR94
SS:CUSTOMER FOCUS - TFLIPPO						
CC6-501	B	TFLIPPO	DEPT MGRS	Conduct at least two customer focus feedback meetings in FY94 and develop action plans as needed.	02JAN94	30SEP94
CC6-502	C	LBRYANT	MAINT DRS	Complete initial customer focus training for Maintenance.	01AUG95	31JUL96
SS:COMMUNICATIONS - JMIGYANKA						
CC8-500	B	JMIGYANKA	DEPT MGRS	Develop and implement structured and standardized agendas for staff meetings and management team meetings.	30SEP93	30OCT93
CC8-501	B	JMIGYANKA	ALL MGRS	Hold staff meetings with employees at least once a month.	30OCT93	30SEP94
CC8-502	B	JMIGYANKA	DEPT MGRS	Department heads and higher are to conduct management team meetings at least weekly.	01OCT93	30SEP94

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CATEGORY CC: PEOPLE/MANAGEMENT EFFECTIVENESS

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:COMMUNICATIONS - JMIGYANKA						
CCB-503	B	KPOWERS		Members of the on-shift operating team are to conduct a daily plan-of-the-day meeting to formulate plans for the next 24 hours and to address problems.	01OCT93	30SEP94
CCB-504	B	TFLIPPO	ALAMONTAGN	Post performance indicators on bulletin boards and update monthly.	01OCT93	30SEP94
CCB-505	B	KWHITTENBU		Publish the SQN newsletter and news bulletins periodically in FY94 as needed to keep employees apprised of plant status.	01OCT93	30SEP94
CCB-507	B	JMIGYANKA	DEPT MGRS	Conduct standdown meetings on a quarterly basis to communicate management expectations and administrative processes and to obtain employee feedback.	01OCT93	30SEP94
CCB-512	B	RFENECH		Conduct quarterly All Employees Meetings.	01OCT93	30SEP94
ISS:BUSINESS PLANNING - RMARTIN						
CC9-500	B	RMARTIN	JWALKER	Develop the FY94 capital and O&M budgets.	01AUG93A	01OCT93
CC9-501	B	TFLIPPO	DEPT MGRS	Develop the Post Restart Plan/FY94 business plan	15JUL93A	30SEP93
CC9-502	B	TFLIPPO		Develop and implement a communications plan for the FY94 business plan.	01SEP93	15OCT93
CC9-503	B	RFENECH		Followup on business plan performance at least monthly in the VP's management team meetings.	01OCT93	30SEP94
CC9-504	B	RMARTIN		Issue business plan performance reports on a monthly basis to show progress toward site goals and key performance indicators.	01OCT93	30SEP94
ISS:QUALITY IMPROVEMENT TEAMS - TFLIPPO						
CC10-500	B	TFLIPPO	DEPT MGRS	Use Quality Improvement teams as appropriate to pursue process improvements in the following high priority areas: * Work Prioritization * Planning and Scheduling * Information Management * Inventory Control	01OCT93	30SEP94
CC10-501	B	TFLIPPO	DEPT MGRS	Support corporate high priority process improvement teams in the following areas: * Work Control (work order cycle time) * Plant/Equipment Status Control * Equipment Equivalency/Minor Mods * Commitment Control	01OCT93	30SEP94
CC10-502	B	TFLIPPO		Provide tools and techniques training to QITs. (as required)	01OCT93	30SEP94

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CATEGORY CC: PEOPLE/MANAGEMENT EFFECTIVENESS

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:SITE CULTURE ENHANCEMENT - MIGYANKA						
CC11-500	B	JMIGYANKA	VP DIRECTS	Develop an action plan in response to results on the employee survey results.	01NOV93	01MAR94
CC11-501	B	JMIGYANKA		Provide report on a culture enhancement activity, accomplishment, or recommendation at least once a month in the VP Management Team Meeting.	01OCT93	01OCT94
CC11-503	B	JMIGYANKA	ABLACK	Conduct quarterly union informational forums.	01OCT93	01OCT94
CC11-504	B	JMIGYANKA		Present plan for team selection process for management, specialist and represented positions	01APR94	02SEP94
CC11-505	B	JMIGYANKA	ZWILLIAMS	Develop and Implement Orientation program for new employees.	01NOV93	30JUN94
CC11-506	B	RFENECH		Conduct VP monthly communication sessions including the "First Hand with Fenech" meeting with employees and the "Heroes and Champions" meeting with first-line supervisors.	01OCT93	30SEP94
CC11-507	B	JMIGYANKA	MGOODWIN	Conduct at least two major recognition events in FY94 for SQN employees.	01OCT93	30SEP94

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:PLANNING AND SCHEDULING - RRAUSCH						
DD1-502	B	RRAUSCH		Evaluate the qualification requirements for planning and scheduling positions to ensure that adequate emphasis is placed on plant experience and operations knowledge.	09AUG93	15SEP93
DD1-503	B	RRAUSCH		Integrate organizations preparing and maintaining schedules into a single organization.	01OCT93	01OCT93
DD1-504	B	RRAUSCH		Prepare mission statements for all planning and scheduling organizations.	13AUG93	30SEP93
DD1-505	C	RRAUSCH		Relocate Outage Planning, Daily Scheduling, and Maintenance Planning into the same office area.	15OCT93	01DEC93
DD1-506	B	RRAUSCH		Implement a fully integrated Primavera network for the preparation, maintenance, and distribution of scheduling processes, including outage and daily schedules.	01OCT93	01AUG94
DD1-507	B	RRAUSCH		Integrate the PM program into MPAC.	01OCT93	30SEP94
DD1-508	B	RRAUSCH		Integrate the SI program into MPAC.	01FEB94	01AUG94
DD1-509	B	RRAUSCH		Improve work processing capabilities of MPAC.	01APR94	01AUG94
DD1-511	B	RRAUSCH		Increase the number of MPAC terminals and allow inquiry-only use without a password.	15SEP93	15JUL94
DD1-512	B	RRAUSCH		Evaluate developing a separate Prime base reporting program which reads Primavera network for scheduling distribution.	01MAY94	01AUG94
DD1-514	B	RRAUSCH		Evaluate adopting the BFN process for issuing UNID numbers on a real-time basis.	15JUL94	15NOV94
DD1-515	B	RRAUSCH		Review and revise scheduling process indicators to better indicate true performance levels.	01OCT93	01DEC93
ISS:WORK PRIORITIZATION - RDRAKE						
DD2-516	B	RDRAKE		Modify MIL and the long-term planning process to reflect the new prioritization methodology.	01OCT93	31OCT93
DD2-517	B	RDRAKE		Complete the prioritization of all items in the MIL.	01OCT93	15JAN94
DD2-518	B	RDRAKE		Reevaluate the matrix weighting factors and categories in light of current site goals and needs before the FY95 business planning cycle.	01JAN94	01FEB94
DD2-519	B	RDRAKE		Evaluate the use of the new prioritization methodology and make adjustments as needed.	01OCT93	02JUL94

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
SS:FSAR - RSHELL						
DD3-520	B	KPOWERS		Establish and communicate a plant policy defining how obsolete/unused equipment is described in the FSAR and is evaluated as a change to the facility.	08AUG93	01SEP93
DD3-521	B	DLUNDY		Technical Support and NE will review/operational /physical aspects of the plant sections of the FSAR for which they are the lead or support organization and provide FSAR change requests in accordance with SSP-4.2.	08AUG93A	11NOV93
DD3-522	B	RSHELL		A training letter will be sent to IQRs and 50.59 Level 1/II qualified personnel using the incomplete FSAR change as an example. As a means of additional training.	08AUG93	16AUG93
DD3-536	B	RSHELL		Verifying the FSAR adequacy to require Technical Support to verify FSAR Sections for which they are the support organization as well as well as the lead organization.	08AUG93	01OCT93
DD3-537	B	MSHEPHERD		Review site training programs to ensure proper FSAR sensitivities are included or revise as necessary.	08AUG93	01OCT93
SS:AUTOMATED CLEARANCE PROCESS - JBAUMSTARK						
DD4-524	B	JBAUMSTARK	DGIBBS	Modify Sequoyah Configuration Control and Clearance System (SCS) software to: *Interface with SOMS (SNP Ops Management System) *Incorporate use of handheld computers *Include appropriate logic interlocks *Make screen displays mimic forms *Resolve comments from system users *TSIR/LCO Tracing	01MAR93A	30SEP94
DD4-526	B	JBAUMSTARK	NWELCH	Install the MCR LAN system to replace the current DECNET system.	15NOV93	30SEP94
SS:CORRECTIVE ACTION PROGRAM - RDRISCOLL						
DD5-501	B	KPOWERS		Develop a plan to adjust the threshold for identification of CAQs, the method for investigation C'As, and the implementation/ closure process.	01FEB94	15MAR94
DD5-503	B	RDRISCOLL	MREINDERS	Assess the effectiveness of the revision to improve the corrective action program and the adequacy of the corrective actions.	16AUG93A	15SEP93
DD5-504	B	RDRISCOLL	MREINDERS	Evaluate which administrative control procedures should be combined into the single form program.	16AUG93A	20SEP93
DD5-505	B	RDRISCOLL	MREINDERS	Benchmark the corrective action program.	01OCT93	17NOV93
DD5-506	B	RDRISCOLL	MREINDERS	Revise SSP 3.4 to further enhance the process and to incorporate any lessons learned.	06DEC93	19JAN94

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:EOI/AOI/SOI UPGRADE - JBAUMSTARK						
DD6-502	B	JBAUMSTARK	DGIBBS	AOI upgrade project.	01OCT93	01OCT95
DD6-505	B	JBAUMSTARK	DGIBBS	EOI 1B upgrade project.	01OCT93	31MAR95
DD6-512	B	JBAUMSTARK	GSANDERS	SOI to SO conversion completion.	01OCT93	30SEP94
ISS:INFORMATION MANAGEMENT- MBURZYNSKI						
DD7-500	B	MBURZYNSKI		Perform a study in support of PCN 0636, Integrated Computer System (ICS). This project will define the optimum method to integrate SQN the various computer systems, eliminate redundant data acquisition, and make engineering data available to more users.	01OCT93	01OCT94
DD7-501	B	MBURZYNSKI	CBRIMER	Develop detailed plans to validate and begin to populate the EMS data base. (Total project 3.8M) (Phase I).	01OCT93	30SEP94
DD7-502	B	MBURZYNSKI	CBRIMER	EMS Phase II.	01OCT94	01OCT95
DD7-503	B	MBURZYNSKI	CBRIMER	EMS Phase III.	01OCT95	30SEP96
DD7-504	B	MBURZYNSKI	CBRIMER	Review (and streamline as needed) procedures related to or affecting equipment-related data collection, maintenance and communications.	01JAN94	31MAR94
DD7-505	B	MBURZYNSKI	CBRIMER	Load V-Tab data into EMS and eliminate the V-Tab drawings.	01JAN94	27OCT94
DD7-530	C	TFLIPPO	JMARTIN	NP Plant Operating Systems Group will do a random assessment of the Reactor Engineering area.	01OCT93	31DEC93
DD7-531	C	TFLIPPO	JMARTIN	Site IS will coordinate a random review of other unreviewed existing and currently utilized quality / safety related software to insure that the requirements of SSP 2.12 are being adequately adhered to.	01DEC93	31DEC93
ISS:SYSTEM ENGINEERING IMPROVEMENTS - DLUNDY						
DDB-533	B	DLUNDY	RROGERS	Propose process improvements for TFAR pre-screening, PM deferral process upgrade, and TSIRs usage vs PERs.	01OCT93	15DEC93
DDB-534	B	DLUNDY	MFRYE	Revise SSP 8.50 to reflect SE role in Issue and WR/WD prioritization.	01OCT93	15DEC93
DDB-535	C	DLUNDY	TRUTLEDGE	Management tools: a. Procure software planning tools b. Obtain assigned planner c. Complete development of SE database	01OCT93	15SEP95
DDB-536	C	DLUNDY		Benchmark the Tech Support function.	15SEP93	30OCT93
DDB-537	C	DLUNDY		Systems Manager INPO peer evaluator.	01OCT93	01OCT95

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:SYSTEM ENGINEERING IMPROVEMENTS - DLUNDY						
DDB-539	C	DLUNDY	BWILSON	Convert TI-111 to an SSP; write PIs for Cond air inleakage.	01OCT93	14FEB94
DDB-540	C	DLUNDY	TSMITH	Issue SSP B.52 for DG Reliability.	30SEP93	30OCT93
DDB-541	C	DLUNDY	RMOONEY	Develop SSP for turbine cycle performance.	01OCT93	15MAY94
DDB-542	C	DLUNDY	ECAMP	Establish SQN SG reliability task group; Issue SSP for SQN SG program.	01OCT93	10NOV93
DDB-543	C	DLUNDY	RCAMPBELL	Document Program for habitability.	01OCT93	15MAR94
DDB-544	C	DLUNDY	RCAMPBELL	Document/ define HVAC filter program.	01OCT93	15JUN94
DDB-545	C	DLUNDY	JRATHJEN	Develop Ice Weight Plan and obtain PM concurrence.	01OCT93	15NOV93
DDB-546	C	DLUNDY	LBRYANT	Perform a reliability centered maintenance evaluation for the points of single failure identified in Attachments I, J, and K. (Responsible Org: Maintenance)	26JUL93A	30NOV93
DDB-547	C	DLUNDY	RRAUSCH	Incorporate the results of the reliability analysis into the preventive maintenance program or alternativley define identified component upgrades.(Responsible Org:Planning & Scheduling)	26JUL93A	30JAN94
DDB-548	C	DLUNDY	JWILLIS	Systems Engineering should maintain a "Top Ten" list of secondary plant reliability issues; present the status of the list bi-monthly at Change Control Board meetings. (Responsible Org: Systems Engineering)	19MAY93A	20DEC93
DDB-550	B	DLUNDY	RGLADNEY	Submit a proposed TS change to allow withdrawal of all control rods during testing.	01OCT93	31OCT93
DDB-551	B	DLUNDY		Initiate a project to improve reliability of the transfer cart portion of the system.	19MAY93A	03MAR94
ISS:CORROSION PROGRAM - SKARZINSKI						
DD9-501	B	SKARZINSKI	JHAMILTON	Perform a comprehensive assessment of the site flow accelerated corrosion program (prior to U2C6).	07JAN94	15FEB94
DD9-502	B	SKARZINSKI	JHAMILTON	Perform a design study to determine options to minimize severe erosion condition in the extrac- tion steam lines or relacement with a more erosion resistant material.	01OCT93	30SEP94
DD9-503	B	SKARZINSKI	JHAMILTON	Revise appropriate drawings and inspection procedures as necessary to identify stainless steel or similarly resistant material.	01OCT93	30SEP94

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

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ISS:CORROSION PROGRAM - SKARZINSKI						
DD9-504	C	SKARZINSKI	JHAMILTON	Initiate and complete training and qualification of personnel involved in the FAC program for inspection, monitoring documentation, and trending.	01OCT93	01JUL94
DD9-505	B	SKARZINSKI	JHAMILTON	Program enhancements: * SQN experience database * Industry experience database * Inspected component database * New Checmate system analysis * Checmate analysis model completion * Review of ABB Impell Checmate models	16AUG93	17JAN94
DD9-506	B	SKARZINSKI	JHAMILTON	Perform design studies to address cavitation damage in ERCW and FIC in room coolers and chillers.	01OCT93	30SEP94
DD9-507	B	SKARZINSKI	JHAMILTON	Implement a comprehensive water treatment program to control micro and macro fouling/sedimentation/corrosion of safety related and BOP systems.	07JAN94	30SEP94
DD9-508	B	SKARZINSKI	JHAMILTON	Develop site implementing procedures to address underground corrosion.	01FEB94	30MAY94
DD9-510	B	SKARZINSKI	JHAMILTON	Develop a site specific monitoring and testing program for the chemical treatment program to confirm reliability and effectiveness.	07JAN94	30SEP94
DD9-511	B	SKARZINSKI	JHAMILTON	Revise the existing MIC defect trending program for stainless steel.	30AUG93	07JAN94
DD9-512	B	SKARZINSKI	JHAMILTON	Evaluate and disposition long term recommendations from the raw water task force report.	30AUG93	17JUN94
DD9-513	B	SKARZINSKI	JHAMILTON	Develop a consistent tracking and trending program for all borated water leaks.	17DEC93	30SEP94
DD9-514	B	SKARZINSKI	JHAMILTON	Revise appropriate engineering specifications, site implementing procedures, etc. as needed to clarify inspection criteria and to reflect industry advancements.	01JAN94	01JUN94
DD9-515	B	SKARZINSKI	JHAMILTON	Obtain services as required for Raw Water & EC Technical Support.	01OCT93	30SEP94
ISS:PROTECTIVE COATING PGM IMPROVEMENT-SKARZINSKI						
DD10-500	B	SKARZINSKI	JHAMILTON	Develop long-range plans for the major protective coating activities which are needed at SQN.	01JAN94	30SEP94
DD10-501	B	SKARZINSKI	JHAMILTON	Revise appropriate drawings, engineering specifications, etc. as needed to accurately and clearly define protective coating requirements.	01JAN94	01JUN94

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:ENVIRONMENTAL QUALIFICATN IMPROVE-SKARZINSKI						
DD11-500	B	SKARZINSKI	JHAMILTON	Evaluate and implement an upgrade to the EQ program based on a review of the HERS system at WBN.	01OCT93	01MAR94
DD11-501	B	SKARZINSKI	JHAMILTON	EMS maintenance tracking of maintenance events are not in agreement with the binders in some cases. Modify EMS to record installation dates and revise SSP 6.5 and 9.52 as necessary.	01OCT93	30JAN94
DD11-502	C	SKARZINSKI	JHAMILTON	Improve the electronic storage and word processing capabilities to increase efficiency for revising binders.	07JAN94	30JUN94
DD11-503	B	SKARZINSKI	JHAMILTON	Perform EQ component life extension evaluations.	07JAN94	30SEP94
DD11-504	C	MBURZYNSKI	CBUTCHER	Update EQ binders to address unincorporated binder revisions.	01MAY93A	15SEP93
ISS:RADIOLOGICAL CONTROL IMPROVEMENTS - CKENT						
DD12-500	C	MBURZYNSKI	MDURST	Procure low cobalt valves and valve components for use as opportunities are available in order to reduce stellite sources in the RCS.	01OCT93	01APR94
ISS:ASME SECTION XI PROGRAM - SKARZINSKI						
DD13-500	B	SKARZINSKI	WJUSTICE	Implement the snubber reduction program. (Funding included with Nuclear Eng.)	07JAN94	30SEP94
DD13-501	B	SKARZINSKI	WJUSTICE	Update SQN units 1 and 2 to a new inspection code of record under ASME Section XI for the next 10-year inspection interval.	01OCT93	30SEP94
DD13-502	B	SKARZINSKI	WJUSTICE	Prepare program bases documents for the Containment Leak Rate Program, ASME Section XI Pressure Test Program.	15SEP93	31DEC93
DD13-503	B	SKARZINSKI	WJUSTICE	Initiate a non-ASME Safety Valve Inspection Program.	01OCT93	30SEP94
DD13-504	C	SKARZINSKI	JHAMILTON	Provide for performance demonstrations (PDI) to new ASME XI Appendix B requirements for NDE-administered by EPRI NDE center.	15NOV93	30SEP94
DD13-505	C	SKARZINSKI	JHAMILTON	Preparation and approval of procedures to replace Quality Methods Procedures for ISI.	01OCT93	30DEC93
DD13-506	B	SKARZINSKI	WJUSTICE	Develop a plan and implementation schedule for maximizing use of nonintrusive check valve testing to fulfill Section 11 ISI requirements.	01OCT94	30MAY95
ISS:ADMINISTRATIVE IMPROVEMENTS - TFLIPPO						
DD14-521	C	TFLIPPO	ALAMONTAGN	Define & implement EDMS Phase II.	01AUG93A	04JAN94
DD14-524	C	TFLIPPO	ALAMONTAGN	Complete DIRT QIT. Implement QIT recommendations	01MAR93A	30SEP93

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

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ISS:ADMINISTRATIVE IMPROVEMENTS - TFLIPPO						
DD14-525	C	TFLIPPO	ALAMONTAGN	Conduct process review of records processing activities. Evaluate performance guidelines for indexing and microfilming.	01JUN93A	30SEP93
DD14-526	C	TFLIPPO	ALAMONTAGN	Conduct process review of procedures and document processing. Develop performance guidelines for procedures processing.	01AUG93A	15OCT93
DD14-527	C	TFLIPPO	ALAMONTAGN	Implement "verified for use" automated accountability program for drawings, procedures, and vendor manuals.	30JUN93A	04JAN94
DD14-528	C	TFLIPPO	ALAMONTAGN	Implement bar coding for documents and evaluate the conversion of drawing distribution process from DCCM to DDS.	15JUN93A	30JUN94
DD14-529	C	TFLIPPO	ALAMONTAGN	Develop PIs for Document Control work processes.	15JUL93A	30OCT93
DD14-530	C	TFLIPPO	ALAMONTAGN	Evaluate work processes in Lifetime Records Storage Facility.	19JUL93A	30SEP93
DD14-531	C	TFLIPPO	ALAMONTAGN	Assess 10 percent on controlled documents and drawings quarterly.	01MAR93A	04JAN94
ISS:EMERGENCY PREPAREDNESS IMPROVEMENTS-TFLIPPO						
DD16-505	C	TFLIPPO	NCATRON	Receive PORC, TVA and State approval of new EALS, submit to NRC.	15AUG93	29SEP93
DD16-506	C	TFLIPPO	NCATRON	Complete Licensed Operator Training on NUMARC EALS.	15NOV93	10DEC93
DD16-507	C	TFLIPPO	NCATRON	Implement EALS.	01JAN94	15JAN94
ISS:MATRL & PROCUREMENT IMPROVEMENTS - JWHEELER						
DD18-501	C	JWHEELER	ESUMEREL	Conduct a comprehensive survey of all storage areas to identify and disposition all chemicals that do not meet the requirements of SSP 13.2	01OCT93	30OCT93
DD18-502	C	JWHEELER	GPETTY	Initiate chemical traffic control adding HMC Number and other etc... information to the PMDS program to eliminate repetitive Review of Procurement by the CTC Coordinator.	01OCT93	30OCT93
DD18-531	B	JWHEELER		Develop a plan of action to improve inventory accuracy to 95.5%.	01OCT93	31DEC93
DD18-535	B	JWHEELER		Continue to develop the PMDS process increasing to 1000 PMDSs in the system.	01OCT93	30SEP94
DD18-536	B	JWHEELER		Implement the ITMS procurement module to enhance the procurement process.	01SEP93	31DEC93

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ISS:MATRL & PROCUREMENT IMPROVEMENTS - JWHEELER						
DD18-537	B	JWHEELER	GPETTY	Develop a plan of action to reduce the material restraint work load to within the reestablished goal to include specific action to be taken when goal is exceeded and requirements for a periodic review of the backlog to identify and resolve potential high-impact issues.	31OCT93	30NOV94
DD18-538	B	JWHEELER		Develop an approval process for initial stock procurements and/or increases in RoP/ROP.	01SEP93	30NOV93
ISS:MAINTENANCE IMPROVEMENTS - LBRYANT						
DD19-500	B	LBRYANT	IDIBASE	Prepare for implementation of the new Maintenance Rule.	01OCT93	30SEP94
DD19-502	B	RRASCH	DGOETCHEUS	Perform a time/motion study on refueling activities during U1C6RFD and develop recommendations for improvement commencing with U2C6RFD.	30SEP93	31OCT93
ISS:MODIFICATION IMPROVEMENTS - JSYMONDS						
DD20-500	B	JSYMONDS		Weld procedure enhancement.	01OCT93	30SEP94
DD20-501	C	JSYMONDS	RWEST	Strengthen the Welding Program - enhance Welder Orientation Training, require annual training.	01SEP93	30OCT93
DD20-502	C	JSYMONDS	RWEST	Develop training for Toolroom Attendants on the control, issue, and return of welding materials, including testing.	01SEP93	30OCT93
ISS:FIRE PROTECTION IMPROVEMENTS - JBAUMSTARK						
DD21-500	B	JBAUMSTARK	REGLI	Perform independent fire protection assessment, perform walkdowns to update Nuclear Plant Fire Hazards Analysis, establish methods of field verification of the FHA if required, and complete verification of fire barrier penetration seals(Ref. FPIP items 4-1, 3-5, 3-6, & 3-8)	08FEB93A	19JUL94
DD21-501	B	JBAUMSTARK	REGLI	Complete remaining items for Phase III and IV of the Fire Protection Improvement Plan which include: completion of PCN 607.	01OCT93	01JUN95
ISS:CONFIGURATION MANAGEMENT - KPOWERS						
DD22-500	C	DLUNDY		Clarify ways configuration can be changed. Develop and conduct training for selected individuals.	03MAY94	30JUL94
DD22-502	C	JBAUMSTARK		Complete revisions to SSP-12.15 and SSP-12.1, Conduct of Operations to reflect current group staffing and responsibilities.	01JUN93A	31DEC93
ISS:LICENSING PROCESS IMPROVEMENTS - RSHELL						
DD25-500	C	RSHELL	JSMITH	Conduct a test of the wide area network connection.	01NOV93	30DEC93

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ISS: LICENSING PROCESS IMPROVEMENTS - RSHELL						
DD25-501	C	RSHELL	JSMITH	Obtain additional 9 PCs, printers, etc..	01OCT93	30DEC93
DD25-502	C	RSHELL	JSMITH	Conversion of the NRC electronic Q&S section format to FOLIO.	01JAN94	30SEP94
DD25-503	C	RSHELL	JSMITH	Convert Section P., of the NRC Electronic Docketing categories to FOLIO.	01JAN94	30SEP94
DD25-504	C	RSHELL	JSMITH	Establish / implement forward conversion of docket.	01OCT93	30NOV93
DD25-505	C	RSHELL	JSMITH	Implement computerized TS submittals.	01JAN94	01APR94
DD25-506	C	RSHELL	JSMITH	Upgrade Tech Spec's to computerized hardcopy.	01JAN94	01APR94
DD25-511	C	RSHELL	JSMITH	Provide training/orientation on FOLIO, MUS, database, LAN/WAN use, and Word Perfect.	01OCT93	30SEP94
ISS: INEFFECTIVE MODIFICATIONS- JWARD						
DD26-500	B	MBURZYNSKI	CBRIMER	Perform follow-up assessment of engineering process improvements.	19MAY94	15JUL94
DD26-501	B	MBURZYNSKI	CBRIMER	Assess FDCNs during U1C6 outage and develop corrective action plan.	19SEP93	11OCT93
DD26-502	B	MBURZYNSKI	CBRIMER	Change procedures to require periodic follow-up assessment of effectiveness of modifications.	01OCT93	29NOV93
DD26-503	C	JSYMONDS	DCLIFT	Reduce the number of F-DCNs not due to category 10 or 30 to two per DCN for the U2C6 Outage	01APR94	30JUN94
DD26-504	B	MBURZYNSKI	CBRIMER	Modify existing processes to ensure future unimplemented DCNs are tracked within the fiscal year project list and a method for closure and reissue is established.	08FEB93A	31DEC93
ISS: MISCELLANEOUS CALCULATIONS - MBURZYNSKI						
DD27-500	C	MBURZYNSKI		Issue the Unit 1 SCV penetration calcs.	01SEP93	01JAN94
DD27-501	C	MBURZYNSKI		Fully incorporate civil calc into CCRIS.	01OCT94	01OCT95
DD27-502	C	MBURZYNSKI		Incorporate ROML sheets into present calc.	01OCT94	30SEP96
DD27-503	C	MBURZYNSKI		LCE1 91.01 - Record of minor loads.	01OCT94	01OCT95
ISS: MISC. PIPING SUPPORT INFO - MBURZYNSKI						
DD28-500	C	MBURZYNSKI		Void the pipe support and movement data dwgs (approx. 900 dwgs)	01OCT94	01OCT95
DD28-501	C	MBURZYNSKI		Issue pipe support W-spec that is compatible w/G-43 Spec & 47A050 drawing notes.	01DEC93	01APR94
DD28-502	C	MBURZYNSKI		Verify and update the pipe support hanger tracking progress. (NOTE: FY95 - \$250k)	01OCT94	30SEP95

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:MISC. PIPING SUPPORT INFO - MBURZYNSKI						
ISS:ISSUE COMMODITY CLEARANCE SPEC- MBURZYNSKI						
DD29-500	B	MBURZYNSKI		Develop a commodity clearance program which provides controlled method/guidance to ensure better reliability of systems, to keep FDCN's to a minimum, and ensure our design basis has no interferences unknown to designers.	15JAN94	31MAR94
DD29-501	C	MBURZYNSKI		Issue an N-spec that defines clearance required for bet. CSSC to avoid impacts during earthquakes. (Utilize WBN Spec to fullest)	01APR94	01JUN94
ISS:MISCELLANEOUS DRAWING CHANGES - MBURZYNSKI						
DD30-500	C	MBURZYNSKI		Issue the approx 60 to 70 SS ISO drawings that were never issued.	01OCT94	01OCT95
DD30-502	C	MBURZYNSKI	MMAWELL	Incorporation of red line onto mechanical drawings. (Part of Q-List) (NOTE: FY 94 Funding in AA01-505A)	01OCT93	01OCT94
DD30-503	C	MBURZYNSKI	MMAWELL	Identify unissued support drawings.	01OCT93	09JUN94
DD30-504	C	MBURZYNSKI	MMAWELL	Develop a plan and identify resources for issuing drawings.	30JUN94	28SEP94
DD30-505	C	MBURZYNSKI	MMAWELL	Implement plan to support drawing for alt analy.	30SEP94	30DEC94
ISS:FSAR VERIFICATION (CIVIL ENGR) - JWARD						
DD31-500	B	MBURZYNSKI		Revise design criteria in FSAR.	19JUL93	30SEP93
DD31-501	B	MBURZYNSKI		Generate four calculations affecting FSAR for Civil Engineering.	19JUL93	30SEP93
DD31-502	B	MBURZYNSKI		Issue one DCN for FSAR Civil Engineering.	19JUL93	30SEP93
DD31-503	B	MBURZYNSKI		FSAR revision for Civil Engineering.	19JUL93	30SEP93
ISS:WORK ORDERS- KPOWERS						
DD32-502	C	LBRYANT	DTULLIS	Establish a QIT to expand minor maintenance scope.	01OCT93	30MAR94
DD32-503	C	RRAUSCH	GBOLES	Simplify the Work Order process.	30JAN94	29DEC94
DD32-504	C	RRAUSCH	JTEAGUE	Implement Work Order benchmarking study results.	01JUL94	01JUL95
ISS:ENGINEERING PROCEDURE IMPROVEMNTS-MBURZYNSKI						
DD34-500	B	MBURZYNSKI	CBRIMER	Develop revision to SSP 2.11, Drawing Deviations, to provide streamline process improvement.	01SEP93	01DEC93

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
ISS:ENGINEERING PROCEDURE IMPROVEMNTS-MBURZYNSKI						
DD34-501	B	MBURZYNSKI	CBRIMER	Develop revision to SSP 9.3 and SSP 2.10 to provide for complete document updates prior to package closure and to provide consistent closure timeframes.	01SEP93	01DEC93
DD34-502	B	MBURZYNSKI	CBRIMER	Revise procedure to ensure Vendor Manual changes are made as part of the design change prior to package closure.	01OCT93	31DEC93
ISS:EOI CONTROL - JBAUMSTARK						
DD35-501	C	JBAUMSTARK		Evaluate an operations commitment to use On-Shift personnel as the sole verifiers and validators of all future EOP (EOI and AOI) revisions.	01FEB94	01MAR94
DD35-502	C	JBAUMSTARK		Update/revise STD-12.16 and then implement that revision into SSP-12.16.	15JAN94	01MAR94
ISS:ANNUNCIATOR DISABLEMENT - JBAUMSTARK						
DD36-500	C	JBAUMSTARK		Evaluate using MPAC database SNP MCR Annunciator report as the single control point for listing Annunciator Disablement. (Hard copy of database provided to the Control room or a computer link).	01DEC93	31DEC93
DD36-501	C	JBAUMSTARK		Evaluate using another method for the MCR Operators to identify windows with work request written against them.	01DEC93	01JAN94
ISS:PROCEDURE ADEQUACY/ADHERENCE - JBAUMSTARK						
DD41-500	C	JBAUMSTARK		Perform technical review of converted documents for inclusion in "World View".	01DEC94	31DEC95
DD41-503	C	JBAUMSTARK		Reduce the number of low priority procedure revision requests in the revision file to 100.	01DEC93	01FEB94
ISS:CONDUCT OF OPERATIONS - JBAUMSTARK						
DD42-500	C	JBAUMSTARK		Evaluate developing separate procedures for items presently contained in SSP -12.1 such as Operator Aids, Key control, etc., in order to make SSP-12.1 address only those items truly related to Conduct of Operations. Consider the effects of interfacing with corporate directives and the development of an Operations Manual.	01NOV93	10DEC93
DD42-501	C	JBAUMSTARK		Evaluate the transfer of responsibilities for the equipment labeling process from MP&T to the OPS support group.	15JAN94	15MAR94

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CATEGORY DD: PROCESS/PROGRAM IMPROVEMENT

ACTIVITY NUMBER	CAT	ACTION OWNER LEVEL 1	ACTION OWNER LEVEL 2	ACTION DESCRIPTION	SCHEDULE START DATE	SCHEDULE STOP DATE
SS:SYSTEM & EQUIPMENT STATUS - JBAUMSTARK						
DD43-501	B	JBAUMSTARK		Evaluate enhancement of operating procedures to assure total Configuration Control (Complete enhancement project so all procedures have the correct alignments for baseline, operations and return to normal status; and compliment the computerized system.)	15OCT93	30DEC93
DD43-502	B	JBAUMSTARK		Revise SSP-12.2 to emphasize that Configuration Control is the responsibility of all departments and the assure a clear association between other implementing documents (e.g., SSP-6.24).	15OCT93	29NOV93
ISS:EQUIPMENT CLEARANCE - JBAUMSTARK						
DD44-501	B	JBAUMSTARK		Evaluate regual of Clearance Holders; Frequency, Required Reading, Increased Awareness Briefings, etc.	15NOV93	31DEC93
DD44-502	C	JBAUMSTARK		Evaluate a requirement to have a Senior/ Responsible Supervisor verify and be on location prior to initiating any work under a clearance.	01FEB94	01MAR94
DD44-503	B	JBAUMSTARK		Evaluate posting "major system Clearances" to facilitate & strengthen the process of signing on a clearance.	01FEB94	01MAR94
DD44-504	B	LBRYANT	MCOOPER	Evaluate revision of SSP-12.3 to require Clearance Holders to sign on clearance document. The intent is to have documentation that the Clearance Holder has walked down the Clearance Boundary and/or understands the clearance boundary.	15FEB94	01MAR94
ISS:CNTRL & TRACKING OF COMP MEASURES-JBAUMSTARK						
DD45-500	B	JBAUMSTARK		Revise STD-12.11 and SSP-12.11 to define Comp Measures as those actions performed by plant staff during the first two to three hours of an event which are the result of design or degraded plant conditions.	01FEB94	01MAR94
DD45-501	B	JBAUMSTARK		Revise the STD-12.11 to streamline the program and identify interface with STD-12.16.	15JAN94	01MAR94
DD45-502	B	JBAUMSTARK		Revise SSP-12.11 to move requirements in the instruction body onto checklists for evaluation of Comp Measures.	01FEB94	01MAR94
ISS:OPERATIONS PERSONNEL ERROR REDUCTION						
DD48-500		JBAUMSTARK		Revise Operations Personnel Error Reduction Program (SSP-12.52) and reinforce the program through training and examples.	16AUG93A	01DEC93

MASTER ISSUES LIST (MIL)

FY94 PROJECT LIST

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0100 CHEMISTRY UPGRADE

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			2		C RAW WATER CHEMICAL INJECTION EQUIPMENT
			0		C S/G MOLAR RATIO CONTROL AMONIUM CH TREAT
					E UPGRADE RADCHEM LAB FUME HOODS TO OSHA REQMTS
92218		DPW	0	.050	C UONO IMPL ERCW CHLORINATION WITH BETZ SYSTEM
92218		DPW	0	050	C UONO STUDY ERCW BETZ SYTEM
92218		DPW	0	050	C UONO DESIGN ERCW CHLORINATION WITH BETZ SYSTEM
93248			0	014	C CONDI RECIEVING TANK VACUUM LINE

RESOLVE PAS SYS PROBLEMS UNIT 1

89179	0608	BHA	1	043	C U1NO IMPL POST ACCIDENT SAMPLING SYS PROB RES
89179	0608	BHA	1	043	C U1NO DESIGN POST ACCIDENT SAMPLING SYS PROB RES

CONDENSER RETUBE PROJECTU1

91192	0713	DLW	1	002	C U1C8 STUDY CONDENSER RETUBE PROJECT
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POST ACCIDENT SAMPLING SYSTEM PROBLE

91284	0746	BHA	2	043	C U2C6 IMPL POST ACCIDENT SAMPLING SYS PROB RES
91284	0746	BHA	2	043	C U2C6 DESIGN POST ACCIDENT SAMPLING SYS PROB RES

REPLACE SECONDARY SAMPLING/INSTRUMENTATION U1

93098	0907	DPW	1	043	C U1NO IMPL SECONDARY SAMPLING & INSTRUMENTATION
93098	0907	DPW	1	043	C U1NO DESIGN SECONDARY SAMPLING & INSTRUMENTATION

REPLACE SECONDARY SAMPLING/INSTRUMENTATION U2

93099	0908	DPW	2	043	C U2NO IMPL SECONDARY SAMPLING & INSTRUMENTATION
93099	0908	DPW	2	043	C U2NO DESIGN SECONDARY SAMPLING & INSTRUMENTATION

CON DI SIDIUM INGRESS EVALUATION

93154	0967	DPW	1	014	C U1F0 IMPL CON DI SODIUM INGRESS MOD
93154	0967	DPW	1	014	C U1F0 DESIGN CON DI SODIUM INGRESS MOD

CON DI SODIUM INGRESS EVALUATION

93176	0968	DPW	2	014	C U2F0 IMPL COND DI SODIUM INGRESS
93176	0968	DPW	2	014	C U2F0 DESIGN COND DI SODIUM INGRESS EVALUATION

BORIC ACID ADDITION TO SECONDARY SIDE

93152	0972	DPW	0	014	C UONO IMPL SECONDARY SYS CHEMISTRY TREATMENT MOD
93152	0972	DPW	0	014	C UONO DESIGN SECONDARY SYS CHEMISTRY TREATMENT

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D200 EROSION / CORROSION

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
93229		BHA	2	005	C U2C6 IMPL EROSION/CORROSION INSP & REPAIR
93229		BHA	2	005	C U2C6 DESIGN EROSION/CORROSION INSP/REP SUPPORT

U1 EROSION CORROSION

93214	0937	BHA	1	005	C U1F0 IMPL EROSION/CORROSION PIPE REPLACEMENT
93214	0937	BHA	1	005	C U1F0 DESIGN FOR EROSION/CORROSION PROBLEMS

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0300 SECONDARY PLANT (BOP)

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			2		C REPLACE STEAM DUMP VALVE FOXBORO CONTROLLER
			1		C #2 FW HTR - ADD AUTO BYPASS TO CONDENSER
					E T/G ACTUATOR REFURBISHMENT
					E T/G SANDBLASTER
			2		E TS BOP CONSULTANTS (MPR MW, LDG EDG FLWMTR)
			0		C #2 FW HTR - ADD AUTO BYPASS TO CONDENSER
			1		E TURB BLDG IN LKG - EPOXY INJECTION
			2		C U1 INSTALL RECORDERS #3 HEATER DRN TK
93054		JDS	1	234	C U1NO IMPL PERMANENT FREEZE PROTECTION
93054		JDS	1	234	C U1NO DESIGN PERMANENT FREEZE PROTECTION
93055		JDS	2	234	C U2NO IMPL PERMANENT FREEZE PROTECTION
93055		JDS	2	234	C U2NO DESIGN PERMANENT FREEZE PROTECTION

OTHER O&M MODIFICATIONS

91205	0201	TLH	1	047	E U1FO IMPL RESCALE TURBINE IMPULSE PRES INST
91205	0201	TLH	1	047	E U1FO DESIGN RESCALE TURBINE IMPULSE PRES INST
93059	0201	TLH	1	014	E U1FO IMPL CON DEMIN BYPASS VLV (PCV-14-3)
93061	0201	TLH	1	043	E U1FO IMPL TARGET ROCK SOLENOID VALVE MOD
93061	0201	TLH	1	043	E U1FO DESIGN TARGET ROCK SOLENOID VLV MOD
93107	0201	TLH	1	001	E U1FO IMPL MAIN STEAM DRAIN DUMP TANK MOD
93107	0201	TLH	1	001	E U1FO DESIGN MAIN STEAM DRAIN DUMP TANK MOD
93135	0201	TLH	1	014	E U1FO IMPL CON DEMIN PUMP STOP SEQUENCE REV
93135	0201	TLH	1	014	E U1FO DESIGN CON DEMIN PUMP STOP SEQUENCE REV
93142	0201	DLT	1	001	E U1FO IMPL MOD TO PIPE SUPPORT 1MSH303
93142	0201	DLT	1	001	E U1FO DESIGN SUPPORT 1MSH303 U1 MOD
93204	0201	JDS	1	003	E U1FO IMPL SHAFT REPLACEMENT TERRY TURBINE
93204	0201	JDS	1	003	E U1FO DESIGN REPAIR/REPLACE TERRY TURBINE SHAFT
93207	0201	JDS	1	047	E U1FO IMPL TRANSIENTS IN STEAM SEAL SYSTEM
93207	0201	JDS	1	047	E U1FO DESIGN TRANSIENTS IN STEAM SEAL SYSTEM
93208	0201	JDS	2	047	E U2C6 IMPL TRANSIENT IN STEAM SEAL SYSTEM
93208	0201	JDS	2	047	E U2C6 DESIGN TRANSIENTS IN STEAM SEAL SYSTEM
00003	0201	TLH	0	003	E STAT O RING RHR MINIFLOW SW. INCREASE CAL INTERVAL
00004	0201	TLH	1	001	E MS CK VLV BAL ARM LOCK NUTS/TACK WELD ISSUE
00005	0201	TLH	1	035	E H2 PRESS ALARM INCONSISTANT
00006	0201	TLH	1	003	E SET POINT CHANGES FOR SYSTEMS 03, 30, 70

MINOR RETIREMENTS UNDER \$100

	0282	TLH	1	047	C REPLACE 1-PT-47-210A
	0282				C REROUTE OPERATING VENT LINES - SEC PLANT STUDY
91071	0282	JDS	0	032	C U0NO INSTALL NEW DRYERS
91071	0282	JDS	0	032	C U0NO DESIGN INSTALLATION OF NEW DRYER
92054	0282	JDS	0	027	C U0NO IMPL COOLING TOWER CTDAS MOD
92054	0282	JDS	0	027	C U0NO STUDY COOLING TOWER CTDAS
92054	0282	JDS	0	027	C U0NO DESIGN COOLING TOWER CTDAS SYSTEM
92199	0282	JDS	2	333	C U2C6 IMPL AFWPT 2A-S OIL DRAIN/SAMPLE VALVE
92199	0282	JDS	2	333	C U2C6 DESIGN AFWPT 2A-S SAMPLE/DRAIN VALVE
92200	0282	JDS	1	333	C U1C7 DESIGN AFWPT 1A-S OIL DRAIN/SAMPLE VALVE
92251	0282	JDS	0	012	C U0C7 IMPL AUX STEAM RELIEF VLV 0-12-781
92251	0282	JDS	0	012	C U0C7 DESIGN AUX STEAM RELIEF VLV 0-12-781
93026	0282	JDS	1	047	C U1C7 DESIGN TURB OVERSPEED PROTECT ENHANCEMENT
93034	0282	JDS	0	400	C U0NO IMPL HANDRAILS ON ROOF OF ERCW BLD
93034	0282	JDS	0	400	C U0NO DESIGN HANDRAILS FOR ERCW BLD ROOF
93058	0282	JDS	2	047	C U2FO IMPL RELAY REPLACEMENT
93080	0282	JDS	1	006	C U1C7 DESIGN DRAINS ON EXTRACTION LINES
93081	0282	JDS	2	006	C U2C6 IMPL DRAINS ON EXTRACTION LINES
93081	0282	JDS	2	006	C U2C6 DESIGN DRAINS ON EXTRACTION LINES
93131	0282	DLT	0	247	C U0FO IMPL APPENDIX R EMERGENCY LIGHTING UPGRADE

INSTALL BEARING LUB WATER SYSTEM

89181	0598	DPW	1	027	C U1FO DESIGN FILTERED WATER SUPPLY
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0300 SECONDARY PLANT (BOP)

	MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
MODIFY THE MAIN STEAM CHECK VALVESU2						
	90171	0658	JAM	2		C DESIGN MODIFY MSIV & MS CONTROL VALVES
REPLACE RAW COOLING WATER PUMP CASING						
	93164	0768	JAM	0	024	C U0NO IMPL RCW PUMP REFURBISHMENT/CHANGEDOUT
	93164	0768	JAM	0	024	C U0NO DESIGN RCW PUMP RENEWAL/REFURBISHMENT
U2 TURBINE CONTROL VALVE UPGRADE						
	92253	0869	RDS	2	001	C U2C6 IMPL TURB CONTROL VLV UPGRADE
U1 LCV 105-A VALVE REPLACEMENT						
	93102	0940	DPW	1	006	C U1FO IMPL REPLACEMENT OF 1-LCV-105A
UPGRADE OF HYDROGEN SYSTEM						
	93177	0956	JAM	0	035	C U0FO IMPL UPGRADE OF THE HYDROGEN SYSTEM
	93177	0956	JAM	0	035	C U0FO DESIGN UPGRADE TO HYDROGEN SYSTEM
MOD TO CONTROL MSVV FLOODING U1						
	91534	0979	DLT	1	001	C U1FO IMPL MITIGATION OF MSVV FLOODING
MOD TO CONTROL MSVV FLOODING U2						
	91535	0980	DLT	2	001	C U2FO IMPL MITIGATION FOR MSVV FLOODING
U1 S/G FEEDWATER NOZZLE CRACKING						
	93233	0983	JAM	1	003	C U1C7 DESIGN STEAM GEN FEEDWATER NOZZLE CRACKING
U2 S/G FEEDWATER NOZZLE CRACKING						
	93234	0984	JAM	2	003	C U2C6 IMPL STEAM GEN FEEDWATER NOZZLE CRACKING
	93234	0984	JAM	2	003	C U2C6 DESIGN STEAM GEN FEEDWATER NOZZLE CRACKING
0986						
	93140	0986	RDS	2	001	C U2NO IMPL INSTALLATION 2 MS BUTTERFLY VLVS
	93140	0986	RDS	2	001	C U2NO DESIGN & PROCURE 2 MAIN STEAM BUTTERFLY VLV
INSTALL BEARING LUBE WATER SYS RSTART #344						
	93180	0998	DPW	2	027	C U2FO IMPL INSTALLATION BEARING LUBE WATER SYSTEM
	93180	0998	DPW	2	027	C U2FO DESIGN INSTALLATION BEARING LUBE WATER SYS

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0400 FIRE PROTECTION (FP)

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
MINOR RETIREMENTS UNDER \$100					
93225	0282	DLT	1	013	C U1FO IMPL SMOKE DETECTORS IN CR DRIVE ROOM
93225	0282	DLT	1	013	C U1FO DESIGN SMOKE DETECTORS IN CR DRIVE ROOM
UPGRADE THE FIRE PROTECTION SYSTEM					
89129	0607	JDS	0	026	C UONO IMPL REVISE THE FIRE PROTECTION SYSTEM
89129	0607	JDS	0	026	C UONO DESIGN REVISE THE FIRE PROTECTION SYSTEM
SEAT CHECK VALVE HPFP					
89113	0622	JAM	0	026	C UONO IMPL SEAT CK VLV- HPFP- SYS 26 A & B
89113	0622	JAM	0	026	C UONO DESIGN SEAT CK VLV- HPFP- SYS 26 A & B
INSTALL AUTO FIRE SUPPRESSION SYS IN					
90220	0724	DLT	1	026	C U1FO IMPL PASF FIRE SUPPRESSION
90220	0724	DLT	1	026	C U1FO DESIGN PASF FIRE SUPPRESSION

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0500 REGULATORY / COMMITMENTS

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			2		E U2 URI 88-12-03
			1		E U1 URI 88-12-10
			2		E U2 URI 88-12-10
			2		E IMPL URI 88-12-08 COMPONENT DAMPING
INSTALL A COMPREHENSIVE SECURITY SYS					
89249	0086	RCD	0	245	C UONO IMPL SITE PHYSICAL SECURITY SYSTEM UPGRADE
89249	0086	RCD	0	245	C UONO DESIGN SITE PHYSICAL SECURITY UPGRADE
OTHER O&M MODIFICATIONS					
D0009	0201	JDS	1		E LATE U1 URI 88-12-03
STATION BLACKOUT UNIT 1					
89391	0405	JDS	1	202	C U1C7 PO IMPL STATION BLACKOUT
89391	0405	JDS	2	202	C U1C7 IMPL STATION BLACKOUT
89391	0405	JDS	1	202	C U1C7 DESIGN STATION BLACKOUT
PLANT ENGINEERING SUPPORT					
93076	0518	PGT	1	012	E U1NO IMPL URI 88-12-08 COMPONENT DAMPING
93076	0518	PGT	1	012	E U1NO DESIGN URI 88-12-08 COMPONENT DAMPING
93077	0518	PGT	2	012	E U2NO IMPL URI 88-12-08 COMPONENT DAMPING
93077	0518	PGT	2	012	E U2NO DESIGN URI 88-12-08 DAMPING
AFW PUMP PULSATION U1					
89464	0542	JAM	1	333	C U1NO IMPL AUX FEEDWATER PUMP PULSATION FIX
89464	0542	JAM	1	333	C U1NO DESIGN AUX FEEDWATER PUMP PULSATION
AFW PUMP PULSATION U2					
89465	0543	JAM	2	333	C U2NO IMPL AUX FEEDWATER PUMP PULSATION FIX
89465	0543	JAM	2	333	C U2NO DESIGN AUX FEEDWATER PUMP PULSATION FIX
INTERFACES, CABLE TRAYS AND HVAC SUP					
89481	0564	RDS	1	362	C U1NO IMPL CABLE TRAY MODS
89481	0564	RDS	1	362	C U1NO DESIGN CABLE TRAY MODS
CONFORMANCE TO GENERIC LETTER 89-10					
89487	0573	DLW	1	000	C U1FO IMPL GENERIC LETTER 89-10 MOVs
89487	0573	DLW	1	000	C U1C7 IMPL GENERIC LETTER 89-10 MOVs
89487	0573	DLW	1	000	C U1FO DESIGN GENERIC LETTER 89-10 MOVs
89487	0573	DLW	1	000	C U1C7 DESIGN GENERIC LETTER 89-10 MOVs
PRESSURIZER SURGE LINE THERMAL STRAT					
90014	0627	RDS	1	068	C U1C6 IMPL PRESSURIZER SURGE LINE THERMAL STRAT
PRESSURIZER SURGE LINE THERMAL STRAT					
90021	0628	RDS	2	068	C U2C6 IMPL PRESSURIZER SURGE LINE THERMAL STRAT
U2 STATION BLACKOUT					
92036	0805	JDS	2	202	C U2C6 PO IMPL STATION BLACKOUT
92036	0805	JDS	2	202	C U2C6 IMPL STATION BLACKOUT
92036	0805	JDS	2	202	C U2C6 DESIGN STATION BLACKOUT

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0500 REGULATORY / COMMITMENTS

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
ICE COND FLOOR MONITORING SYSTEM					
92155	0838	DLW	1	061	C U1FO IMPL ICE CONDENSER FLOOR MONITORING SYSTEM
92155	0838	DLW	1	061	C U1FO DESIGN ICE CONDENSER FLOOR MONITORING SYS
U2 ICE COND FLOOR MONITORING SYSTEM					
92156	0841	DLW	2	061	C U2C6 IMPL ICE CONDENSER FLOOR MONITORING SYSTEM
92156	0841	DLW	2	061	C U2C6 DESIGN ICE CONDENSER FLOOR MONITORING SYS
LOAD TAP CHANGING CS'S XFORMER B					
90250	0862	DLW	2	202	C U2NO IMPL 6.9KV UNIT BOARD BREAKER
90250	0862	DLW	2	202	C U2NO DESIGN 6.9KV UNIT BOARD BREAKER
90251	0862	DLW	1	202	C U1NO IMPL 6.9KV UNIT BOARD BREAKER
90251	0862	DLW	1	202	C U1NO DESIGN 6.9KV UNIT BOARD BREAKER
CONFORMANCE TO GENERIC LETTER 89-10					
92060	0873	DLW	2	000	C U2C6 IMPL GENERIC LETTER 89-10 MOVs
92060	0873	DLW	2	000	C U2C7 IMPL GENERIC LETTER 89-10 MOVs
92060	0873	DLW	2	000	C U2C6 DESIGN GENERIC LETTER 89-10 MOVs
92060	0873	DLW	2	000	C U2C7 DESIGN GENERIC LETTER 89-10 MOVs
MSVV BLOWDOWN OVERPRESSURIZATION					
92257	0922	JAM	1	001	C U1FO IMPL MSVV BLOWDOWN OVERPRESS MOD
MSVV BLOWDOWN OVERPRESSURIZATION					
92258	0923	JAM	2	001	C U2C6 IMPL MSVV BLOWDOWN OVERPRESS MOD
92258	0923	JAM	2	001	C U2C6 DESIGN MSVV BLOWDOWN OVERPRESSURIZATION
0959	0959	TLH	1	777	E MRC BULLETIN 88-08, THERMAL STRATIFICATION

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0700 ELECTRICAL UPGRADE

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			0		C SQ910270 MISSING CABLE TRAY COVERS/BOTTOMS
			0		C SQPER900116 MISSING/LOST RELAYS
			0		C SQ910288 MISSING/LOST RELAYS
91365		RCD	0	202	C U0F0 IMPL LOSS OF VOLTAGE RELAY/ANNUN MAIN BUS
91365		RCD	0	202	C U0F0 STUDY LOSS OF VOLTAGE RELAY/ANNUN MAIN BUS
91365		RCD	0	202	C U0F0 DESIGN LOSS OF VOLTAGE RELAY/ANNUN MAIN BUS
92211		JDS	1	302	C U1C7 DESIGN REPLACEMENT PENETRATION X-139E

OTHER O&M MODIFICATIONS

89097	0201	JDS	1	202	E U1C7 STUDY RESET W/CO-B RELAY
89143	0201	JDS	1	202	E U1C7 DESIGN RCP BKR CONTROL CIRCUIT
89269	0201	JDS	1	201	E U1C7 DESIGN PK BLOCKS ON SHUTDOWN BDS
91275	0201	DLT	1	061	E U1F0 IMPL SET POINT CHANGES
91275	0201	DLT	1	061	E U1F0 DESIGN SET POINT CHANGES
91389	0201	TLH	1	201	E U1F0 IMPL THERM OVERLOAD REPLACEMENT MOD
91389	0201	TLH	1	201	E U1F0 DESIGN REPLACEMENT THERMAL OVERLOAD CIRCUIT
91567	0201	JDS	0	264	E U0F0 IMPL CABLE 1-TSC-486 TO CRT #7
91567	0201	JDS	0	264	E U0F0 DESIGN CABLE 1-TSC-486 TO CRT #7
93134	0201	JDS	0	250	E U0F0 IMPL SPARE OUT BRAKER ON VITAL BATT BDS
93134	0201	JDS	0	250	E U0F0 DESIGN SPARE OUT BRKR ON VITAL BATTERY BDS
00010	0201	TLH	2		E LATE U2 JCO FOR 250V BATTERY CHARGER BRKR TRIP
00011	0201	TLH	1		E LATE U1 JCO FOR 250V BATTERY CHARGER BRKR TRIP

MINOR RETIREMENTS UNDER \$100

	0282		2		C ADD REDUNDANT PRESSURE SW TO STAT COOLING WTR CI
91443	0282	JDS	0	040	C U0F0 PRI IMPL MANHOLE HH-B2 SUMP POWER FEED
91443	0282	JDS	0	040	C U0F0 PRI DESIGN MANHOLE HH-B2 SUMP POWER FEED
92027	0282	JDS	2	063	C U2C6 IMPL REMOTE CONTROL SHUTDOWN SYSTEM
92027	0282	JDS	2	063	C U2C6 DESIGN REMOTE CONTROL SHUTDOWN SYSTEM
92237	0282	JDS	2	201	C U2C6 IMPL CRDM POWER SUPPLY XFER SWITCH
92237	0282	JDS	2	201	C U2C6 DESIGN CRDM POWER SUPPLY XFER SWITCH
93109	0282	JDS	1	070	C U1F0 IMPL THERMAL BARRIER BOOSTER PUMP POWER SUP

PLANT ENGINEERING SUPPORT

91523	0518	PGT	0	302	E U0N0 IMPL CONDUIT SEAL/TERMINATION EQ DEVICE MOD
91523	0518	PGT	0	302	E U0N0 DESIGN CONDUIT SEAL/TERMINATIONS EQ DEVICES
93132	0518	PGT	0	201	E U0N0 IMPL QUAL TEST FOR 206 BREAKER
93132	0518	PGT	0	201	E U0N0 DESIGN QUALIFICATION TEST FOR 206 BREAKER

MISCELLANEOUS/OTHER

91384	0534	PGT	2	361	E U2N0 IMPL PX TYPE CABLE REWORK MOD
91384	0534	PGT	2	361	E U2N0 DESIGN/EVALUATE PX TYPE CABLE

NON-1E FUSE PROGRAM

91080	0720	RDS	0	317	E U0N0 IMPL NON-1E FUSE PROGRAM
91080	0720	RDS	0	317	E U0N0 STUDY NON-1E FUSE PROGRAM
91080	0720	RDS	0	317	E U0N0 DESIGN NON-1E FUSE PROGRAM

VITAL BATTERY BANKS REPLACEMENT 1 THROUGH 4

91517	0798	DLW	0	250	C U0N0 IMPL VITAL BATTERY BANK REPLACEMENT
91517	0798	DLW	0	250	C U0N0 DESIGN VITAL BATTERY BANK REPLACEMENTS

STATION BATTERY BANK REPLACEMENT

91539	0799	DLW	0	250	C U0C7 IMPL STATION BATTERY BANK REPLACEMENT
91539	0799	DLW	0	250	C U0N0 IMPL STATION BATTERY BANK REPLACEMENT
91539	0799	DLW	0	250	C U0C7 DESIGN STATION BATTERY BANK REPLACEMENT
91539	0799	DLW	0	250	C U0N0 DESIGN STATION BATTERY BANK REPLACEMENT

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0700 ELECTRICAL UPGRADE

	WILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
REPLACE ELECT PEN X-158E						
	93019	0835	JDS	2	302	C U2C6 IMPL REPLACE ELECT PENETRATION X-158E
	93019	0835	JDS	2	302	C U2C6 DESIGN REPLACEMENT ELECT PEN X-158E
0974						
	93202	0974	JDS	1	302	C U1C7 IMPL REPLACEMENT ELEC PEN 1-127E
	93202	0974	JDS	1	302	C U1C7 DESIGN REPLACEMENT ELEC PEN 1-127E
0975						
	93201	0975	JDS	1	302	C U1C7 IMPL REPLACEMENT ELEC PEN 1-164E
	93201	0975	JDS	1	302	C U1C7 DESIGN REPLACEMENT ELEC PEN 1-164E
CLOSELY SPACED PANELS NER880769						
	91065	1274	JAM	1	500	E U1F0 IMPL CLOSELY SPACED PANELS NER 880769
	91065	1274	JAM	1	500	E U1F0 DESIGN CLOSELY SPACED PANELS NER 880769
	93203	1274	JAM	2	500	E U2F0 IMPL CLOSELY SPACE PANELS NER 88076
	93203	1274	JAM	2	500	E U2F0 DESIGN FOR CLOSELY SPACED PANELS-NER 880769

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0800 COATINGS UPGRADE

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
		RDS	0	363	E COLOR CODE PAINTING
			0		E TURB BLDG FLOOR RECOATING - EL. 662'

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0900 INDUSTRIAL SAFETY

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
OTHER O&M MODIFICATIONS					
89185	0201	JDS	1	030	E U1C6 INSTAL ANTI ROTATION DEVICE LOWER COMP COOL
89185	0201	JDS	1	030	E U1C6 DESIGN ANTI ROTATION DEVICE COMP COOLER FAN
MINOR RETIREMENTS UNDER \$100					
91207	0282	JDS	2	020	C U2C6 IMPL LUBE OIL MIST ELIMINATOR
91207	0282	JDS	2	020	C U2C6 DESIGN LUBE OIL MIST ELIMINATOR

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1000 ALARA / RADCON ISSUES

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			0		E RADCON FDCT CLEANOUT, RAD SLUDGE REM/DISPOSAL
93159		RCD	0		C U0C7 IMPL RAD MONITOR (AIRBORNE) UPGRADE
93159		RCD	0	090	C U0C7 DESIGN UPGRADE FIXED AIRBORNE MONITORS
93190		RCD	1	090	C U1C7 DESIGN RAD MONITOR UPGRADE SYS 90
93191		RCD	2	090	C U2C7 DESIGN RAD MONITOR UPGRADE SYS 90

OTHER O&M MODIFICATIONS

89136	0201	JDS	0	090	E U0N0 IMPL MONITOR BLOCKING SVS LOGIC
89136	0201	JDS	0	090	E U0N0 DESIGN MONITOR BLOCKING SVS LOGIC
92210	0201	JDS	0	090	E U0F0 IMPL RAD MON NOISE PROBLEM RE-90-119
92210	0201	JDS	0	090	E U0F0 DESIGN RAD MON NOISE PROBLEM RE-90-119
93169	0201	DLT	0	090	E U0F0 IMPL DELETION OF MONITOR 0-RE-90-211
93169	0201	DLT	0	090	E U0F0 DESIGN DELETION RAD MONITOR 0-RE-90-211
93181	0201	JDS	1	090	E U1N0 IMPL DELETION OF RAD MONITOR RE-90-104
93181	0201	JDS	1	090	E U1N0 DESIGN DELETION OF RAD MONITOR RE-90-104
93182	0201	JDS	2	090	E U2N0 IMPL DELETION OF RAD MONITOR RE-90-104
93182	0201	JDS	2	090	E U2N0 DESIGN DELETION OF RAD MONITOR RE-90-104

MINOR RETIREMENTS UNDER \$100

91584	0282	JDS	1	090	C U1C9 IMPL MOD FOR WATER IN RAD MON SAMPLE LINE
91584	0282	JDS	1	090	C U1C9 STUDY WATER IN RAD MONITOR 1-RE-90-106
91584	0282	JDS	1	090	C U1C9 DESIGN WATER IN RAD MONITOR 1-RE-90-106
91585	0282	JDS	2	090	C U2C6 IMPL MOD FOR WATER IN SAMPLE LINE
91585	0282	JDS	2	090	C U2C6 DESIGN WATER IN RAD MONITOR 2-RE-90-106

MOISTURE ACCUMULATION IN RAD MONITOR SAMP LINES

91526	0787	RCD	1	090	C U1N0 IMPL MOD FOR MOISTUR IN RAD MONITORS
91526	0787	RCD	1	090	C U1N0 DESIGN FOR MOISTURE ACCUM IN RAD MONITORS

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1100 HEATING, VENTILATING, & AIR CONDITIONING (H)

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			2		C CRDM DUCT REPLACEMENT RPV HEAD
90015		DPW	1	030	C U1NO IMPL AUX BLDG PRESSURE CONTROL (TACF)
90015		DPW	1	030	C U1NO STUDY AUX BLDG PRESSURE CONTROL (TACF)
90015		DPW	1	030	C U1NO DESIGN AUX BLDG PRESSURE CONTROL (TACF)
90016		DPW	2	030	C U2NO IMPL AUX BLDG PRESSURE CONTROL (TACF)
90016		DPW	2	030	C U2NO DESIGN AUX BLDG PRESSURE CONTROL (TACF)
93252		JAM	0	311	E U0NO IMPL CHANGES TO MCR/EBR HVAC LOGIC
93252		JAM	0	311	E U0NO DESIGN CHANGES TO MCR/EBR HVAC LOGIC

OTHER O&M MODIFICATIONS

91078	0201	JDS	2	031	E U2NO IMPL INCORE FLOW SWITCH REPLACEMENT
91078	0201	JDS	2	031	E U2NO DESIGN INCORE INST ROOM CHILLER FS REPLACE
93012	0201	JDS	1	030	E U1C7 IMPL CRDM DAMPER REPLACEMENT
93012	0201	JDS	1	030	E U1C7 DESIGN CRDM DAMPER REPLACEMENT
93013	0201	JDS	2	030	E U2C6 IMPL CRDM DAMPER REPLACEMENTS
93013	0201	JDS	2	030	E U2C6 DESIGN CRDM DAMPER REPLACEMENTS
93220	0201	JDS	0	031	E U0FO IMPL REVISED SET POINTS FOR FS-31-484 ETC
93220	0201	JDS	0	031	E U0FO DESIGN REVIED SETPOINTS FOR FS-31-484 ETC
93221	0201	DLT	1	031	E U1FO IMPL CALIBRATION INCONSISTANCY MOD
93221	0201	DLT	1	031	E U1FO DESIGN FOR CALIBRATION INCONSISTANCIES

MINOR RETIREMENTS UNDER \$100

91228	0282	JDS	0	031	C U0NO IMPL NEW CONTROL BLD LOW LEAKAGE DAMPERS
91228	0282	JDS	0	031	C U0NO DESIGN NEW CONTROL BLD LOW LEAK DAMPERS
92136	0282	JDS	0	030	C U0NO IMPL CIRCUIT ISOLATION
92136	0282	JDS	0	030	C U0NO STUDY CIRCUIT ISOLATION
92136	0282	JDS	0	030	C U0NO DESIGN CIRCUIT ISOLATION

QUALIFY/MODIFY TEMPERATURE CONTROL V

90017	0653	JAM	1	030	C U1C7 IMPL Q/L/MOD TEMPERATURE CONTROL VLVS
90017	0653	JAM	1	030	C U1C7 STUDY QUAL/MOD TEMPERATURE CONTROL VALVES
90017	0653	JAM	1	067	C U1C7 DESIGN QUAL/MOD TEMPERATURE CONTROL VLVS

QUALIFY/MODIFY TEMPERATURE CONTROL V

90097	0654	JAM	2	030	C U2C6 IMPL QUAL/MOD TEMPERATURE CONTROL VLVS
90097	0654	JAM	2	030	C U2C6 DESIGN QUAL/MOD TEMPERATURE CONTROL VLVS

AUX BLDG TEMP SWITCHES UNIT 2

91291	0762	DPW	2	030	C U2FO IMPL NEW AUX BUILDING TEMPERATURE SWITCHES
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AUX BLDG TEMP SWITCHES UNIT 1

91290	0763	DPW	1	030	C U1FO IMPL NEW AUX BUILDING TEMPERATURE SWITCHES
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REPLACE ICE CONDENSER GLYCOL CHILLERS

92122	0818	JAM	0	061	C U0C7 STUDY ICE CONDENSER GLYCOL CHILLER REPLACE
92122	0818	JAM	0	061	C U0C7 DESIGN ICE CONDENSER GLYCOL CHILLER REPLACE

REPLACE MAIN CONTROL RM & BOARD RM AC COMPRESSOR

92202	0849	JAM	0	311	C U0NO IMPL MAIN CONT RM AC COMPRESSOR MOD
92202	0849	JAM	0	311	C U0NO DESIGN MAIN CONTROL ROOM AC COMPRESSOR MOD

DCNs FROM BACKLOG CARR RESOLUTION

91357	0901	PGT	1	030	E U1NO HVAC FLOW SWITCH RANGE REPLACEMENT
91357	0901	PGT	1	030	E U1NO DESIGN HVAC FLOW SWITCH RANGE REPLACEMENT

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1100 HEATING, VENTILATING, & AIR CONDITIONING (H

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
480V BOARD RM VENTILATION MOD					
93175	0963	JDS	0	030	C UOFO IMPL 480 V BOARD ROOM VENT MOD
93175	0963	JDS	0	030	C UOFO DESIGN 480 V BOARD ROOM VENT MODS
REPLACE CONDENSERS FOR EBR A/C UNITS					
93172	0965	JAM	0	031	C UONO IMPL REPLACE A/C FOR EBR
93172	0965	JAM	0	031	C UONO DESIGN REPLACEMENT A/C FOR EBR
REPLACE CONDENSERS FOR SDBR A/C UNITS					
93173	0966	JAM	0	031	C UONO IMPL REPLACEMENT OF A/C FOR SDBR
93173	0966	JAM	0	031	C UONO DESIGN REPLACEMENT A/C FOR SDBR
OBSOLETE EQUIPMENT O&M PCN 201					
93166	0201	JDS	0	313	E UOFO DESIGN REPLACE OBSOLETE JOHNSON TEMP CONTR

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1300 STEAM GENERATOR (S/G) ENHANCEMENTS

WILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			2		E ROW U BEND HEAT TREAT (U2 ONLY)/DEPLUGGING
		DPW	0		E CHEM CLEAN S/G SECONDARY SIDE PROG QUALIFICATION
			0		E ALTERNATE PLUGGING CRITERIA TSP PROG QUALIFICATI
					C DESIGN N16 MONITOR UNIT 1
			2		C DESIGN & IMPLEMENT N16 MONITOR UNIT 2
			2		E EXPANDED S/G EDDY CURRENT TESTING
93197		DPW	1	317	C U1C7 IMPL T-HOT REDUCTION
93197		DPW	1	317	C U1C7 DESIGN T-HOT REDUCTION
93198		DPW	2	317	C U2C6 IMPL T-HOT REDUCTION
93198		DPW	2	317	C U2C6 DESIGN T-HOT REDUCTION

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1400 RISK MANAGEMENT (PRA, IPEEE)

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
PLANT EXAMINATION FOR EXTERNAL EVENT					
91189	0732	RDS	0	317	E UOMO STUDY IPEEE GL 88-20

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1500 PIPING / SUPPORTS

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			2		C SQPER920062 SNUBBER DESIGN LOADS
PIPE SUPPORT PROJECT					
89215	0030	RDS	1	317	C U1NO IMPL PIPE SUPPORT MODS
89215	0030	RDS	1	317	C U1NO DESIGN PIPE SUPPORT MODS
LARGE BORE PIPING REVIEW					
89258	0167	RDS	0	000	C UONO IMPL LARGE BORE PIPING REVIEW PROJECT
89258	0167	RDS	2	000	C U2C6 PO IMPL LARGE BORE PIPING REVIEW PROJECT
89258	0167	RDS	0	000	C UOFO IMPL LARGE BORE PIPING REVIEW PROJECT
89258	0167	RDS	0	000	C UONO DESIGN LARGE BORE PIPING REVIEW PROJECT
OTHER O&M MODIFICATIONS					
D0007	0201	TLH	1	003	E U1 TERRY TURBINE NOZZLE LOADING, PIPE SUPPORTS
D0013	0201	JDS	1		E LATE U1 IMPL CA FOR SQPER930030 (STEAM TRAPS)
MINOR RETIREMENTS UNDER \$100					
89077	0282	JDS	0	078	C UONO IMPL ADDIT SUPPORTS SPENT FUEL PIT HX
89077	0282	JDS	0	078	C UONO DESIGN ADDITIONAL SUPPORTS SPENT FUEL PIT
PRE WF MECH SNUBBER UNIT 1					
92125	0807	DPW	1	400	C U1FO IMPL PRE WF SNUBBERS

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1600 PRIMARY PLANT UPGRADES (PPU)

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			0		E WESTINGHOUSE REFUEL TOOL MAINTENANCE
91342		RDS	0	079	C SQPER930314 SEIS QUAL FOR FCV'S 63,67,80,98,118
91342		RDS	0	079	C U0C7 IMPL FUEL HANDLING EQUIP IMPROVEMENTS
91342		RJS	0	079	C U0C7 STUDY FUEL HANDLING EQUIPMENT IMPROVEMENT
92212		RDS	1	079	C U0C7 DESIGN FUEL HANDLING EQUIPMENT IMPROVEMEN
92212		RDS	1	079	C U1C7 IMPL CABLE TRANSFER SYSTEM MOD
92212		RDS	1	079	C U1C7 STUDY CABLE DRIVE TRANSFER SYSTEM
92212		RDS	1	079	C U1C7 DESIGN CABLE DRIVE TRANSFER SYSTEM
92213		RDS	2	079	C U2C7 IMPL CABLE TRANSFER SYSTEM MOD
92213		RDS	2	079	C U2C7 DESIGN CABLE DRIVE TRANSFER SYSTEM MOD
92254		JAM	0	062	E U0W0 IMPL REFURBISH (1) CCP ROTATING ELEMENT
93044		JAM	1	063	C U1C7 IMPL INJECTION SYS TEST HEADER
93044		JAM	1	063	C U1C7 DESIGN INJECTION SYS TEST HEADER
93045		JAM	2	063	C U2C6 IMPL INJECTION SYS TEST HEADER
93045		JAM	2	063	C U2C6 DESIGN INJECTION SYS TEST HEADER

UPPER HEAD INJECTION (UHI) SYS RET U

89220	0040	BHA	1	087	C U1N0 IMPL UHI BEST ESTIMATE ANALYSIS
89220	0040	BHA	1	087	C U1N0 IMPL UHI BEST ESTIMATE ANALYSIS

CATEGORY 1 STRUCTURE PLATFORMS ASSES

89242	0077	RDS	0	400	E U0F0 IMPL CAT 1 STRUCT PLATFORM ASSESSMENT
89242	0077	RDS	0	400	E U0F0 DESIGN CAT 1 STRUCT PLATFORM ASSESSMENT

OTHER O&M MODIFICATIONS

90101	0201	JDS	1	062	E U1C7 IMPL REPLACE 62-89 VLV TRIM
90101	0201	JDS	1	062	E U1C7 DESIGN 62-89 VALVE TRIM
91283	0201	JDS	2	078	E U2C6 IMPL REACTOR CAVITY NOZZLE COVERS
91283	0201	JDS	2	078	E U2C6 DESIGN REACTOR CAVITY NOZZLE COVERS
91367	0201	JDS	1	068	E U1C7 DESIGN REACTOR VESSEL NSC CARD MOD
91423	0201	JDS	2	068	E U2C6 DESIGN REACTOR VESSEL LEVEL NSC CARD MOD
91576	0201	JDS	2	063	E U2C6 IMPL REPLACE SENSELINE TUBING ON CLA
91576	0201	JDS	2	063	E U2C6 DESIGN REPLACEMENT TUBING INST SENSE LINES
91586	0201	DLT	1	062	E U1F0 IMPL LOSS OF ECCS INVENTORY DURING VLV LIFT
91586	0201	DLT	1	062	E U1F0 DESIGN LOSS OF ECCS INVENTORY DURING VLV LI
91587	0201	JDS	2	062	E U2C6 IMPL LOSS OF ECCS INVENTORY FROM RELIEF VLV
91587	0201	JDS	2	062	E U2C6 DESIGN LOSS OF ECCS INVENTORY FROM RELIEF V
92133	0201	JDS	2	062	E U2C6 IMPL REPLACE VL 2-VLV-62-660
92133	0201	JDS	2	062	E U2C6 DESIGN REPLACEMENT FOR 2-VLV-62-660
92152	0201	JDS	1	056	E U1N0 IMPL MORGAN RECORDER SET POINT CHANGE
92152	0201	JDS	1	056	E U1N0 DESIGN MORGAN RECORDER SET POINT CHANGE
92160	0201	JDS	1	077	E U1N0 IMPL COOLANT DRAIN PUMP 1B LOGIC
92160	0201	JDS	1	077	E U1N0 DESIGN COOLANT DRAIN PUMP 1B LOGIC
92163	0201	JDS	2	077	E U2C6 IMPL COOLANT DRAIN PUMP 2B LOGIC
92163	0201	JDS	2	077	E U2C6 DESIGN COOLANT DRAIN PUMP 2B LOGIC
92197	0201	JDS	2	092	E U2W0 IMPL MOD GAMMA METRICS OPTICAL ISOLATOR
92265	0201	TLW	1	099	E U1F0 IMPL SSPS UNDERVOLTAGE OUTPUT DRIVER BOARD
92265	0201	TLW	1	099	E U1F0 DESIGN SSP UNDERVOLTAGE OUTPUT DRIVER BOARD
93022	0201	TLW	1	099	E U1F0 IMPL EAGLE 21 TEST PNL KEYSWITCH MOD
93022	0201	TLW	1	099	E U1F0 DESIGN EAGLE 21 FRONT TEST PNL KEYSWITCH
93053	0201	JDS	2	068	E U2C6 IMPL RCP SEAL MOD
93053	0201	JDS	2	068	E U2C6 DESIGN RCP SEAL MODS
93160	0201	TLW	1	090	E U1F0 IMPL DELETE AIRBORNE MONITOR RE-90-62
93160	0201	TLW	1	090	E U1F0 DESIGN DELETE AIRBORNE MONITOR RE-90-62
93184	0201	DLT	1	090	E U1F0 IMPL ADDED CAPACITOR TO SSPS INPUT LOGIC
93184	0201	DLT	1	090	E U1F0 DESIGN ADDED CAPACITOR TO SSPS INPUT LOGIC
93187	0201	JDS	0	067	E U0W0 IMPL ERCW PUMP DISCHARGE CK VLV REFURB
93187	0201	JDS	0	067	E U0W0 DESIGN ERCW PUMP DISCHARGE CK VLV REFURB
93211	0201	JDS	1	070	E U1F0 IMPL ABANDON RCP TB DP XMITTER
93211	0201	JDS	1	070	E U1F0 DESIGN FOR ABANDON RCP TB DP XMITTER
93212	0201	JDS	2	070	E U2F0 IMPL ABANDON RCP TB DP XMITTERS
93212	0201	JDS	2	070	E U2F0 DESIGN FOR ABANDON RCP TB DP XMITTER

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MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
OTHER O&M MODIFICATIONS					
93232	0201	JDS	1	062	E U1C6 IMPL EXCESS LETDOWN HEAT EX BOLT REPLACE
93232	0201	JDS	1	062	E U1C6 DESIGN EXCESS LETDOWN HEAT EXC HD BOLT MOD
MINOR RETIREMENTS UNDER \$100					
89126	0282	JDS	0	078	C U0N0 IMPL SPENT FUEL COOLING UPGRADE TO CAT 1
89126	0282	JDS	0	078	C U0N0 DESIGN UPGRADE SPENT FUEL COOLING TO CAT 1
91361	0282	JDS	0	090	C U0N0 IMPL CORRECTIVE ACTION FOR SQP 910017
92244	0282	JDS	1	079	C U1C7 IMPL UPPER INTERNAL GUIDE STUD EXTENSIONS
92244	0282	JDS	1	079	C U1C7 DESIGN UPPER INTERNAL GUIDE STUD EXTENSIONS
REDUCTION OF BORIC ACID CONCENTRATION IN BATS					
91570	0506	JAM	0	062	C U0C6 IMPL BORIC ACID REDUCTION
91570	0506	JAM	0	062	C U0C6 DESIGN BORIC ACID REDUCTION
PLANT ENGINEERING SUPPORT					
93218	0518	PGT	1	094	E U1F0 IMPL INCORE THERMOCOUPLE SYSTEM
93218	0518	PGT	1	094	E U1F0 DESIGN INCORE THERMOCOUPLE SYSTEM
93219	0518	PGT	2	094	E U2F0 IMPL INCORE THERMOCOUPLE SYSTEM MOD
93219	0518	PGT	2	094	E U2F0 DESIGN INCORE THERMOCOUPLE SYSTEM
SPENT FUEL STORAGE RERACKING					
89059	0681	DLW	0	079	C U0N0 IMPL SPENT FUEL PIT RACK
89059	0681	DLW	0	079	C U0N0 DESIGN SPENT FUEL PIT RACK
RCP MOTOR REFURBISHMENT UNIT 1 CYCLE					
91166	0703	JAM	1	068	C U1C6 IMPL REPLACE RCP MOTOR
91166	0703	JAM	1	068	C U1C6 IMPL REFURBISH, STORE & SHIP MOTOR
RCP MOTOR REFURBISHMENT UNIT 2 CYCLE					
91167	0704	JAM	2	068	E U2C6 IMPL REPLACE RCP MOTOR
91167	0704	JAM	2	068	E U2C6 IMPL REFURBISH, STORE & SHIP MOTOR
CHARGING PUMP REPLACEMENT					
91302	0747	JAM	2	062	C U2C6 IMPL INSTALL TIE-INS CHARGING PUMP REPLMT
REPL POSITIVE DISPLACEMENT CHARGING					
91301	0748	JAM	1	062	C U1C7 DESIGN CHARGING PUMP REPLMT
ANNULUS DIFFERENTIAL PRESSURE UNIT 2					
90057	0749	RDS	2	065	C U2F0 IMPL ANNULUS DIFFERENTIAL PRESSURE
WIS NEGATIVE RATE TRIP ELIM U1					
91208	0836	DLW	1	092	C U1C7 STUDY WIS NEG RATE TRIP ELIMINATION
91208	0836	DLW	1	092	C U1C7 DESIGN WIS NEG RATE TRIP ELIMINATION
REBUILD M-B ERCW PUMP & MOTOR					
92181	0843	JAM	1	067	C U1N0 IMPL REBUILD M-B ERCW PUMP & MOTOR
REBUILD J-A ERCW PUMP & MOTOR					
92185	0847	JAM	1	067	C U1N0 IMPL REBUILD J-A ERCW PUMP & MOTOR

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1600 PRIMARY PLANT UPGRADES (PPU)

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
REPLACE ICE BED TEMP RECORDING SYSTEM					
92159	0852	DPW	1	061	C U1FO IMPL ICE BED TEMP RECORDER MOD
REPLACE ICE BED TEMP RECORDING SYSTEM					
92164	0853	DPW	2	061	C U2C6 IMPL ICE BED TEMP RECORDING SYSTEM MOD
92164	0853	DPW	2	061	C U2C6 DESIGN ICE BED TEMP RECORDING SYSTEM
ADDITION OF 4 RCCAS					
93025	0952	DLW	2	085	C U2C6 DESIGN ADDITION OF 4 RCCA's
HYDROGEN GAS ACCUMULATION U1					
91462	0976	JAM	1	062	C U1FO IMPL GAS ACCUM IN 1-BB CCP SUCTION HDR MOD
91462	0976	JAM	1	062	C U1FO DESIGN GAS ACCUM IN 1-BB CCP SUCTION HDR
OBSOLETE EQUIPMENT O&M PCN 201					
93210	D201	DPW	2	062	E U2C6 IMPL REPLACEMENT TRD-62 TIME DELAY RELAY
93210	D201	DPW	2	062	E U2C6 DESIGN REPLACEMENT TDR-62 DELAY RELAY

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1700 SWITCHYARD

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
LOAD TAP CHANGING CSS XFORMER A					
89477	0562	DLW	1	241	C U1NO IMPL CSS TRANSFORMER "A"
LOAD TAP CHANGING CSS XFORMER B					
92009	0862	DLW	0	241	C U0FO IMPL CSS TRANSFORMER "B" MOD
92009	0862	DLW	0	241	C U0FO DESIGN CSS TRANSFORMER "B" MOD

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1800 OBSOLETE EQUIPMENT

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
OTHER O&M MODIFICATIONS					
89170	0201	TLH	1	003	E U1F0 IMPL REPLACE SOLENOIDS ON MFW REG VLVS
89170	0201	TLH	1	333	E U1F0 STUDY REPLACEMENT SOLENOIDS ON MFW REG VLVS
89170	0201	TLH	1	003	E U1F0 DESIGN REPLACE SOLENOID ON MFW REG VLVS
90088	0201	JDS	2	003	E U2C6 IMPL REPLACE SOLENOIDS ON MFW REG VLVS
90088	0201	JDS	2	003	E U2C6 DESIGN REPLACEMENT SOLENOID VLVS MFW REG VL
91240	0201			013	E LATE ZA-30 PYROTRONICS ZONE MODULES GENERIC DCN
91531	0201			013	E LATE FIRE DET.(PYROTRONICS) ZA-30 & MX-203
D0008	0201	TLH	1	067	E TRANSMITTER 1-F1-67-122,126 REPLACE OBSOLETE
D0012	0201			013	E LATE PYTRONICS MODEL CP-30,PART #515-021329

OBSOLETE EQUIPMENT PROGRAM

89442	0498	DPW	1	063	C U1C7 IMPL REPLACE RWST XFMRs
89442	0498	DPW	1	063	C U1C7 STUDY REPLACEMENT OF RWST XMITTERS
89442	0498	DPW	1	063	C U1C7 DESIGN REPLACEMENT FOR RWST XFMR
89445	0498	DPW	1	068	C U1C6 IMPL REPLACE 1-TM-68-1C,24C,43C,65C
89452	0498	DPW	1	002	C U1C7 STUDY TRANS/CNTRLRS FOR GE MAC
90080	0498	DPW	2	063	C U2C6 IMPL REPLACE RWST TRANSMITTERS
90080	0498	DPW	2	063	C U2C6 DESIGN RWST TRANSMITTER REPLACEMENTS
90083	0498	DPW	2	068	C U2C6 IMPL TM-68-1C REPLACEMENT
90083	0498	DPW	2	068	C U2C6 DESIGN TM-68-1C REPLACEMENT
91246	0498	DPW	1	030	C U1C8 STUDY CONTAINMENT VAC RELIEF VALVE
91358	0498	DPW	0	043	C U0C7 IMPL WASTE GAS ANALYZER O2 CHANNEL REPLACE
91358	0498	DPW	0	043	C U0C7 STUDY WASTE GAS ANALYZER - OXYGEN CHANNEL
91358	0498	DPW	0	043	C U0C7 DESIGN WASTE GAS ANALYZER OXYGEN CHANNEL
91433	0498	DPW	1	068	C U1C7 STUDY PRESS RELIEF TNK LEVEL XMITTER
92223	0498	DPW	0	234	C U0N0 HEAT TRACE TEMP RECORDER REPLACEMENT
92223	0498	DPW	0	234	C U0N0 DESIGN HEAT TRACE TEMP RECORDER REPLACEMENT
93155	0498	DPW	1	002	C U1C7 IMPL REPLACE HOTWELL VLV LCV-2-3 & 9
93155	0498	DPW	1	002	C U1C7 DESIGN REPLACEMENT HOTWELL VLV LCV-2-3 & 9
93156	0498	DPW	2	002	C U2C6 STUDY REPLACE HOTWELL VLV LCV-2-3 & 9
93156	0498	DPW	2	002	C U2C6 DESIGN REPLACEMENT HOTWELL VL LCV-2-3 & 9

0978

91397	0978	JDS	1	067	C U1F0 IMPL ERCW VLV STEM/DISK SEPERATION MOD
91397	0978	JDS	1	067	C U1F0 DESIGN ERCW VLV STEM/DISK SEPERATION MOD

OBSOLETE EQUIPMENT O&M PCN 201

89175	D201	DPW	1	099	E U1C7 IMPL REP RELAYS FOR ARLA/ARLS
89175	D201	DPW	1	099	E U1C7 STUDY REPL RELAYS FOR WESTINGHOUSE ARLA
89175	D201	DPW	1	099	E U1C7 DESIGN REP RELAYS FOR ARLA/ARLS
89449	D201	DPW	1	062	E U1C6 IMPL REPLACEMENT FOR LT-62-13
90087	D201	DPW	2	062	E U2C6 IMPL REPLACEMENT FOR 2-LT-62-13
91158	D201	DPW	2	317	E U2C6 IMPL REPLACEMENT ARLA/ARLS RELAYS
91158	D201	DPW	2	317	E U2C6 DESIGN REPLACEMENT ARLA/ARLS RELAY
91409	D201	DPW	2	085	E U2C6 IMPL RIP VOLTAGE REGULATOR (U2)
91409	D201	DPW	2	085	E U2C6 DESIGN RIP VOLTAGE REGULATOR (U2)
91410	D201	DPW	1	085	E U1C7 IMPL RIP VOLTAGE REGULATOR
91410	D201	DPW	1	085	E U1C7 DESIGN RIP VOLTAGE REGULATOR
91466	D201	DPW	1	313	E U1N0 IMPL FLOW SWITCH REPLACE/UPGRADE MOD
91466	D201	DPW	1	313	E U1N0 DESIGN FLOW SWITCH UPGRADE/REPLACEMENT MOD
91467	D201	DPW	2	313	E U2N0 IMPL FLOW SWITCH UPGRADE/REPLACE MOD
91467	D201	DPW	2	313	E U2N0 DESIGN FLOW SWITCH UPGRADE/REPLACE MOD
91548	D201	DPW	1	035	E U1N0 IMPL MAIN GEN SEAL OIL PRESSURE SWITCH
91548	D201	DPW	1	035	E U1N0 DESIGN MAIN GEN SEAL OIL PRESS SWITCH
91549	D201	DPW	2	035	E U2C6 IMPL MAIN GEN SEAL OIL PRESSURE SWITCHES
91549	D201	DPW	2	035	E U2C6 DESIGN MAIN GEN SEAL OIL PRESSURE SWITCHES
93016	D201	TLH	1	035	E U1F0 IMPL REPLACE 1-PDIS-35-120A, B, & C
93016	D201	TLH	1	035	E U1F0 DESIGN REPLACEMENT FOR 1-PDIS-35-120A,B,&C
93108	D201	DPW	1	201	E U1C6 IMPL REFURB ARROW-HEART MCC COMPARTMENTS
93108	D201	DPW	1	201	E U1C6 DESIGN REFURBISH ARROW-HART COMPARTMENTS

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1900 MAIN CONTROL ROOM (MCR) DEFICIENCIES

WILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			1		E U1 CA FOR SQAB90370913FIR CR SMOKE DETECTOR
			2		E U2 NUISANCE ALARMS IN THE CR (P2500)
OTHER O&M MODIFICATIONS					
92153	0201	JDS	2	056	E U2NO IMPL MORGAN RECORDER SET POINT CHANGE
92153	0201	JDS	2	056	E U2NO DESIGN MORGAN RECORDER SET POINT CHANGE
92228	0201	JDS	0	056	E U1NO IMPL ADDITIONAL MORGAN COMPUTER POINTS
92228	0201	JDS	0	056	E U1NO DESIGN ADDITIONAL MORGAN COMPUTER POINTS
92255	0201	JDS	1	085	E U1C7 DESIGN DIGITAL DEMAND STEP COUNTER
93008	0201	JDS	2	047	E U2C6 IMPL TURBINE OVERSPEED ANNUNCIATOR
93008	0201	JDS	2	047	E U2C6 DESIGN TURBINE OVERSPEED ANNUNCIATOR
93009	0201	JDS	1	047	E U1C7 DESIGN TURBINE OVERSPEED ANNUNCIATOR
D0014	0201	JDS	1		E LATE U1 NUISANCE ALARMS (P250)
MINOR RETIREMENTS UNDER \$100					
91370	0282	JDS	1	047	C U1NO IMPL COMPUTER & DATA TIME SYNC
91370	0282	JDS	1	047	C U1NO DESIGN COMPUTER & DATA TIME SYNC
91565	0282	JDS	1	030	C U1C7 DESIGN REPLACEMENT FLOW XMITTER
92051	0282	JDS	2	067	C U2NO IMPL ERCWBEARING TEMP MODS
92051	0282	JDS	2	067	C U2NO DESIGN ERCWBEARING TEMP MODS
93144	0282	JDS	1	063	C U1FO IMPL RWST TEMP ALARM IN MRC
93145	0282	JDS	2	063	C U2C6 IMPL RWST TEMP ALARM IN MRC
93145	0282	JDS	2	063	C U2C6 DESIGN RWST TEMP ALARM IN MRC
OBSOLETE EQUIPMENT PROGRAM					
D0001	049B	DPW	2		C LATE U2 REPLACE NR-45 RECORDERS
D0002	049B	DPW	1		C DESIGN U1 REPLACE NR-45 RECORDERS
REPLACE RCA VHF RADIO REPEATERS					
89148	0599	JDS	0	244	C U0NO IMPL REPLACE RCA VHF RADIO REPEATERS
89148	0599	JDS	0	244	C U0NO STUDY REPLACE RCA VHF RADIO REPEATERS
89148	0599	JDS	0	244	C U0NO DESIGN REPLACE RCA VHF RADIO REPEATERS
CRDR CAT 3 HED					
93042	0928		2		C LATE U2C6 CONTROL AIR PRESSURE IND IN CONTROL RM
93042	0928	JDS	2	500	C U2C6 IMPL CRDR CAT 3 HED ISSUES
93042	0928	JDS	2	500	C U2C6 DESIGN CRDR CAT 3 HED ISSUES

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2100 ENVIRONMENTAL

MILS	PCN	PROJECT	UNIT	SYSTEM	FIN DESCRIPTION
			0		E DISPOSAL OF HAZMAT/MIXED WASTE
			0		E WASTE OIL YARD REFURBISHMENT
90061		RDS	0	400	E UONO IMPL TURBINE BUILDING STATION SUMP
90061		RDS	0	400	E UONO STUDY TURBINE BUILDING STATION SUMP
90061		RDS	0	400	E UONO DESIGN TURBINE BUILDING STATION SUMP

OTHER O&M MODIFICATIONS

93165	0201	JDS	0	027	E UOFO IMPL DELETION OF TEMP LOOP T-27-13
93165	0201	JDS	0	027	E UOFO DESIGN DELETION TEMP LOOP T-27-13

MINOR RETIREMENTS UNDER \$100

	0282		0		C GASOLINE STORAGE TANK REMOVAL
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PCB RISK REDUCTION

89486	0571	DPW	2	201	C U2C6 DESIGN PCB RISK REDUCTION
89486	0571	DPW	2	201	C U2C6 IMPL PCB RISK REDUCTION
89486	0571	DPW	1	201	C U1C7 IMPL PCB RISK REDUCTION
89486	0571	DPW	1	201	C U1C7 DESIGN PCB RISK REDUCTION

REPAIR FUEL OIL LEAKS

92240	0866	TLH	0	018	C UONO IMPL FUEL OIL LEAK REPAIR
92240	0866	TLH	0	018	C UONO DESIGN FUEL OIL LEAK REPAIR