LICENSEE: Houston Lighting and Power Company (HL&P)

FACILITY: South Texas Project, Units 1 and 2 (STP)

SUBJECT: SUMMARY OF MEETING ON JANUARY 9, 1995, ON HL&P'S 1995 BUSINESS PLAN

On January 9, 1995, representatives of HL&P briefed the NRC on their 1995 Business Plan and related issues. Meeting attendees are listed in Attachment 1. The licensee's handouts are in Attachments 2, 3, and 4.

HL&P presented an overview of their 1995 Business Plan and related issues. Specific areas addressed include performance overview, risk evaluation, employee concerns program, technical specification improvements, successes and challenges.

The NRC found the presentation to be informative and thanked HL&P for sharing the information presented.

### ORIGINAL SIGNED BY:

Thomas W. Alexion, Project Manager Project Directorate IV-1 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Attachments: 1. List of Meeting Attendees

2. Presentation to NRR Management Handout

3. STP 1995-1999 Business Plan

4. Integrated Site Schedule - 5 Year Plan

cc w/atts: See next page

DISTRIBUTION: See next page

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### UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 8, 1995

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Project Directorate IV-1

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Houston Lighting & Power Company

cc:

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Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 910
Bay City, Texas 77414

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Mr. K. J. Fiedler
Mr. M. T. Hardt
Central Public Service Board
P. O. Box 1771
San Antonio, Texas 78296

Mr. C. A. Johnson Central Power and Light Company P. O. Box 289 Mail Code: N5001 Wadsworth, Texas 77483

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Regional Administrator, Region IV U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 1000 Arlington, Texas 76011

Mr. Joseph M. Hendrie 50 Bellport Lane Bellport, New York 11713

Judge, Matagorda County Matagorda County Courthouse 1700 Seventh Street Bay City, Texas 77414

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Environmental Policy
P. O. Box 12428
Austin, Texas 78711

Mr. William T. Cottle Group Vice President Nuclear Houston Lighting & Power Company South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483 DISTRIBUTION: (w/enclosures 1, 2, 3 and 4)

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SRubin
LKokajko
JMilhoan
ACRS (4)

### LIST OF ATTENDEES

### MEETING WITH HOUSTON LIGHTING & POWER

### REGARDING 1995 BUSINESS PLAN AND RELATED ISSUES

### January 9, 1995

NAME	ORGANIZATION
Mark McBurnett	HL&P
Lawrence E. Martin	HL&P
William T. Cottle	HL&P
James J. Sheppard	HL&P
Flo Mangan	HL&P
John Lawrence	City of Austin
Kathleen Hart	McGraw-Hill
Roy Mathew	NRC
Jocelyn Mitchell	NRC
Donna Skay	NRC
Alan Madison	NRC
Stuart Rubin	NRC
Lawrence E. Kokajko	NRC
Elinor G. Adensam	NRC
Thomas W. Alexion	NRC
Jack W. Roe	NRC
William D. Beckner	NRC
James L. Milhoan	NRC
Roy P. Zimmerman	NRC

### **SOUTH TEXAS PROJECT**

### Presentation to NRR Management

January 9, 1995



VISION: STP -- A WORLD-CLASS POWER PRODUCER

### **AGENDA**

**OPENING REMARKS** 

1995 BUSINESS PLANNING PROCESS

PERFORMANCE OVERVIEW

RISK EVALUATION

EMPLOYEE CON ERNS PROGRAM

TECHNICAL SEL FICATION IMPROVEMENTS

SUCCESSES AND CHALLENGES

CLOSING REMARKS

BILL COTTLE

**FLO MANGAN** 

LEW MYERS

LEW MYERS

JOE SHEPPARD

MARK McBURNETT

LAWRENCE MARTIN

BILL COTTLE

**OPENING REMARKS** 

# Planning Process for 1995 STP Business Plan

BENCHMARKING STUDY

SITE MANAGEMENT TEAM ESTABLISH GOALS

BUSINESS PLAN AND BUDGET

PLANNING GUIDELINES ISSUED

GUIDELINES ISSUED

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### Keys to Nuclear Excellence

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Human Pertormance Human Performance Human Performance Human Pertormance Human Performance unce Human Performance Human Perten n C Human Perkumana Human Performance rmance Human l Human Perform Thumanic Human Per Lower Human HIGH LOW Cost/KWII **OPERATING** COST Increases PERFORMANCE PERFORMANCE Output 1.1111 Increases KWII Attracts & Retains ()utput Customers Costly Regulatory Compliance Outage Measure Avoidance Voidance rtormence Human Fert Human Performance Human Human Performance IIm HIGH REGULATORY Human Performance Hum Trumm Performance PERFORMANCE ormance Human Performance Frank Human Performance Performence Human Performent **Enhances Regulatory** Thorner Human Performan laman Performance Human Perfort and Public Confidence o Partenmentes Hamou Performa mee Human Performance Human Per ment Performance I francis Performance Performence Human Performance Human I Himmen Performence - Thankin Performance Human Performance Human Performance

-Employee Involvement

Бара тпепт

Department subm

OLLECTIVES

- INITIATIVE

ACTION

PERFORMANCE

	FIRST TIER PERFORMANCE MEASURES  SALP RATING (Numerical Average)		PERFORMANCE GOALS								
OBJECTIVES			1995	1996	1997	1998	1999				
NUCLEAR SAFETY			N/A 1.75 1.50 1.25		N/A 1.75 1.50 1.2	N/A 1.75 1.50 1.2		N/A 1.75 1.50 1.25		N/A 1.75 1.50	
RELIABILITY	CAPABILITY FACTOR	I VR.	76.8	84.4	84.4	76.8	81.9				
		3 VR. Rolling Avg.	49.4	75,4	81.9	81.9	81.0				
	MILLS PER	TYR.	18.5	16.2	15.8	17.8	16.9				
COST	NET KWII 3	3 YR. Rolling Avg.	27,7	18.6	16.8	16.5	16.8				
PERFORMANCE	ORGANIZATIONAL PERFORMANCE		3.38	*****		*****					

	FIRST TIER			PERFO	RMANCE G	OALS	
OBJECTIVES		PERFORMANCE MEASURES		1996	1997	1998	1999
NUCLEAR SAFETY	SALP RATING (Numerical Average)		N/A	1.50	1.25	1.25	1.25
RELIABILITY	CAPABILITY FACTOR	LYR.	84.5	90,3	90.3	84.5	87.6
		3 VR. Rolling Avg.	52.0	79.9	88.4	88.4	87.5
MANUSCHINA NICHE MINISTRALIA DI NICATANI	MILLS PER	TYR.	17.3	15.4	15.1	16.6	16.2
COST	NET KWII 3 YR. Rolling Avg.		26.6	17.8	15.9	15.7	16.0
PERFORMANCE	ORGANIZATIONAL PERFORMANCE		3.41	******			******

### **NUCLEAR SAFETY**

I. Rate of	2. Unplanned	3. Fuel Reliability	4. Emergency
Unplanned	Safety System		Diesel Generator
Automatic Scrams	Actuations		Performance
Unit 1_ 1.0	Unit 1 0	Unit 1 .0005 uCi/g	Unavailability Unit 1 \( \) 650 hrs Unit 2 \( \) 650 hrs
Unit 2_ 1.0	Unit 2 0	Unit 2 .0005 uCi/g	
5. Auxiliary Feedwater System Performance	6. High Head Safety Injection System Performance	7. Collective Radiation Exposure	8. Industrial Safety Performance
Unavailability Unit 1 = 700 hrs Unit 2 = 700 hrs	Unavailability Unit 1 ± 400 hrs Unit 2 ± 400 hrs	Unit 1 = 125 Rem Unit 2 = 125 Rem	_0.3 per 200,000 Man-hours HL&P

### 1995 Business Plan

### Total O&M (with A&G) Targets (\$ Millions)

	1995	1996	1997	1998	1999
1995 Plan	295	265	255	275	275

### **Net Generation Targets (MWH)**

	1995	1996	1997	1998	1999
1995 Plan	16,820,070	18,435,188	18,379,961	16,602,252	17,827,697

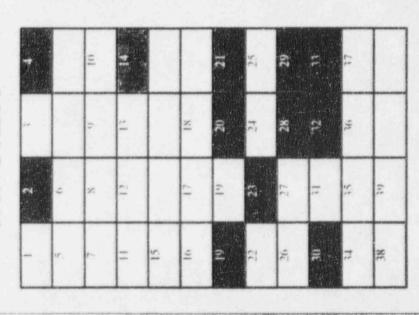
### **Staffing Targets**

Present Staffing as of December 1994 = 2,310	1995	1996	1997	1998	1999
1995 Plan	2,250	2,000	1,750	1,750	1,750

## (Annunciator Window Summaries) MEASUREMENTS 1994 Plant Performance

### JANUARY

## NOVEMBER



-		01	=			21	25		#	¥.	
-		6	£		×	20	17	N.	74	15	£.
7	9	×	12		7.1	2	33	27	F	#	**
-		7	=	13	g	19	11	26	30	=	11

GRAPH NAME	1994	1995	More
RATE OF UNPLANNED AUTOMATIC	×	x	Agressive
UNPLANNED SAFETY SYSTEM	×	1	Goal
FUEL RELIABILITY	X	x	
EMERGENCY DIESEL GENERATOR	x	x	
AUXILIARY FEEDWATER SYSTEM	x	x	
HIGH HEAD SAFETY INJECTION SYSTEM	x	X	
NET GENERATION	*	1	1
ANNUAL CAPABILITY FACTOR	×	x	1
UNPLANNED CAPABILITY LOSS FACTOR	×	X	1
FORCED OUTAGE RATE	X	x	1
THERMAL PERFORMANCE	X	t	
CHEMISTRY INDEX	×	X	
TEMPORARY MODIFICATIONS	x	X	1
CONTROL ROOM INSTRUMENTS OUT-OF	x	x	
INOPERABLE AUTOMATIC FUNCTIONS	x	X	
ANNUAL STATION PRODUCTION COST	x	X	- /
STATION O&M PERFORMANCE	x	X	1
STATION CAPITAL PERFORMANCE	×	x	1
IIL&P STAFFING	x	x	1
CONTRACTOR STAFFING	x	x	1
EMPLOYEE RETENTION	1	Delete	
STP KEY AREA OVERTIME	×	1	

GRAPH NAME	1994	1995	More
COLLECTIVE RADIATION EXPOSURE	x	x -	Agressive
SKIN CONTAMINATIONS	x	Delete	Goal
NPDES VICILATIONS	1	X	1
SOLID LOW LEVEL RADWASTE VOLUME	x	1	
LIQUID RADWASTE EFFLUENTS	x	x	- 1
GASEOUS RADWASTE EFFLUENTS	x	x	1
INDUSTRIAL SAFETY PERFORMANCE	×	x	
OUTSTANDING COMMITMENTS OVERDUE	x	Modified	
STATION PROBLEM REPORTS	¥	Modified	
SERVICE REQUESTS	x	Modified	1
PREVENTIVE MAINTENANCE DEFERRAL	×	1	1
RATIO PREVENTIVE TO CORRECTIVE	x	X	1
MATERIAL AVAILABILITY PARTS	x	x	
MATERIAL AVAILABILITY SUPPLIES	×	x	1
PLANT MODIFICATIONS	×	x	
NONCONFORMING CONDITION STATUS	x	T T	
VENDOR EQUIP TECHNICAL	x	1	1
ON-THE-JOB TRAINING CERTIFICATIONS	×	Modified	
SELF ASSESSMENT EFFECTIVENESS	×	x	1
UNIT AVAILABILITY FOLLOWING PLN		Add	
INVENTORY		Add	
EMERGENCY RESPONSE ORGANIZATION		Add	

anuunii.

Greater Line Management ownership

· Improyed integration of intriatives

► Department level measures (3rd 45)

1994 PERFORMANCE OVERVIEW

### SUMMARY

•	STATUS - ON LINE (CONSECUTIVE DAYS)	UNIT 1 108		UNIT 2 194
	IMPROVED MATERIAL CONDITION			
		UNIT 1		UNIT 2
	- NON-OUTAGE BACKLOG (SRs)	414	1.72	431
	<ul> <li>COMMON NON-POWER PRODUCTION</li> </ul>		163	
	- SR AVERAGE AGE (DAYS)		95	
	OPERATOR WORKAROUNDS REDUCED			
		UNIT 1		UNIT 2
	- INOPERABLE AUTOMATIC FUNCTIONS	9		13
	- MAIN CONTROL BOARD ITEMS	4		3

### 1994 ACCOMPLISHMENTS

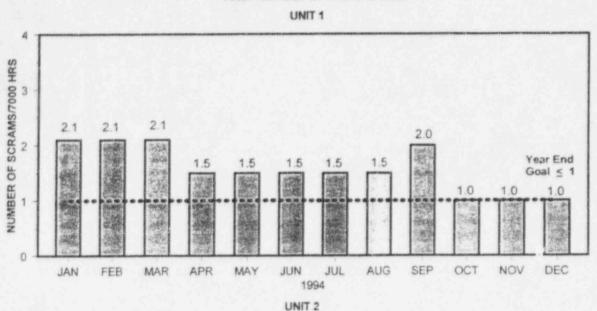
- UNIT 1 STARTUP ON 2/25/94, ON LINE FOR 294 DAYS
- UNIT 2 STARTUP ON 5/30/94, ON LINE FOR 221 DAYS
- BOTH UNITS ON LINE FOR 108 DAYS (NEW RECORD)
- BOTH UNITS ACHIEVED BLACK BOARD STATUS
- SERVICE REQUEST REDUCTION OF 850 SINCE STARTUP
- BOTH UNITS CONTINUE TO EXCEED DESIGN CAPACITY FACTORS
- BOTH UNITS EXCEEDED BUSINESS PLAN PERFORMANCE GOALS
  - NUCLEAR SAFETY
  - RELIABILITY
  - COST
  - PERFORMANCE

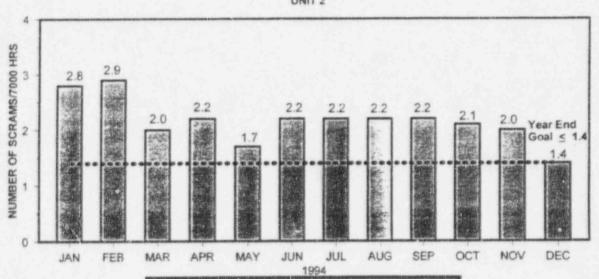
- LICENSED 16 NEW SENIOR REACTOR OPERATORS
- LICENSED 6 NEW REACTOR OPERATORS
- EXCEEDED MAINTENANCE QUALIFICATIONS GOAL OF 584

### Rate of Unplanned Automatic Scrams

Unplanned Automatic Scrams is a measure of the unplanned automatic scrams that occur over a three year period per 7000 hours of critical operation and is calculated as follows:

(total unplanned automatic scrams while critical) x 7000 total number of hours critical





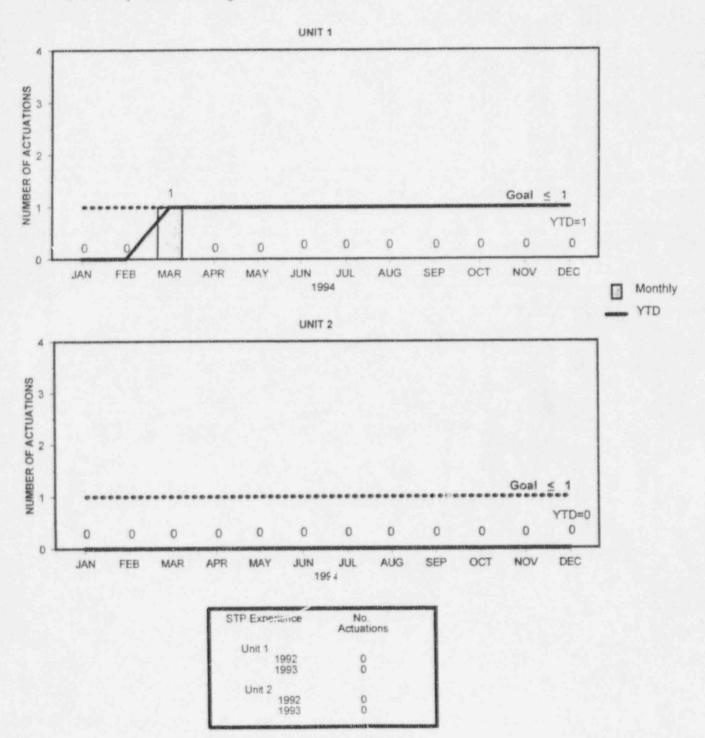
INPO GOAL	1		
STP Experience	Rate of Scrams		Scrams
Unit 1	Per 7000 Hrs	Auto	To-Date Manual
1992	4.0	1	0
1993	2.1	0	0
1994	1.0	1	1
Unit 2			
1992	3.0	11	2
1993	2.7	2	0
1994	1.4	1	0

NOTE: This performance measure uses the INPO criteria which is scrams per 7000 hours over a 3 year period. As a month is added to the front end, a month drops off the back end of the 3 year period. If the front end month has no operation and the back end month has a month of solid operation, the measure (ratio) will go up. If a month with a scram drops off the back end, the ratio will go down.

### **Unplanned Safety System Actuations**

An Unplanned Safety System Actuation is the sum of the two following safety system actuations:

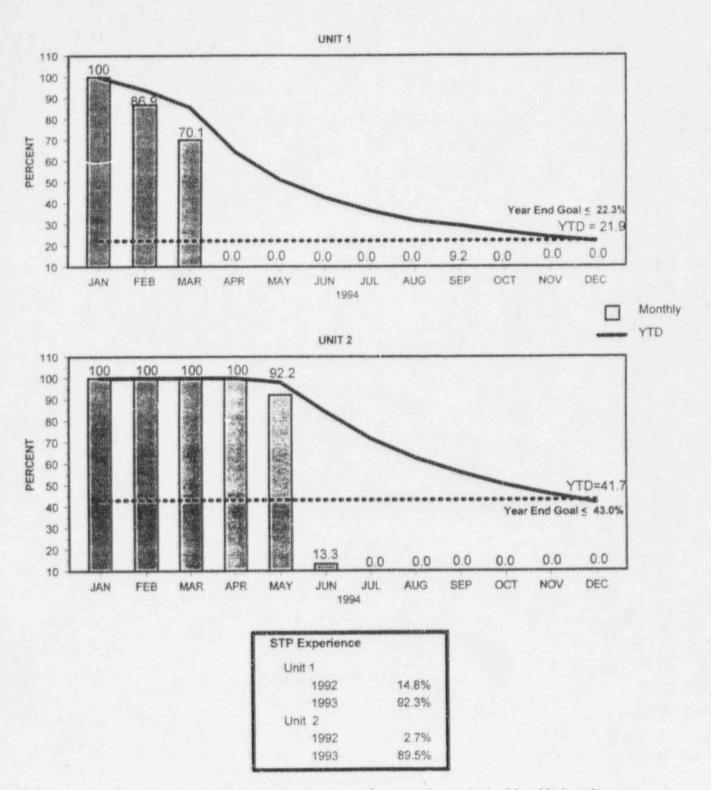
- 1) The number of unplanned Emergency Core Cooling System (ECCS) actuations that result from an actuation setpoint or from a spurious/inadvertent ECCS signal. The ECCS actuations to be counted are actuations of the high pressure injection pumps, the low pressure injection pumps, or cold leg safety injection accumulator tanks.
- 2) The number of unplanned emergency AC power system actuations that result from a loss of power to a safeguards bus.



### **Forced Outage Rate**

Forced Outage Rate is the percentage of time the unit was unavailable due to forced outages compared to the time planned for electrical generation.

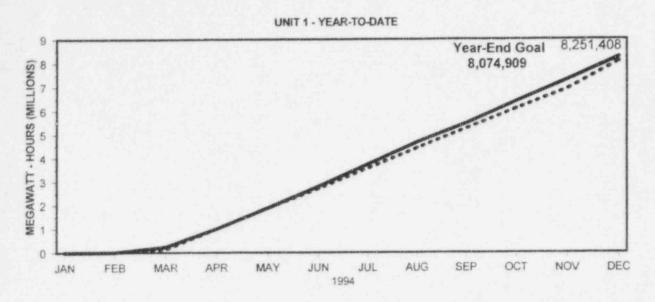
Forced Outage Rate (%) = [Forced Outage Hours/(Forced Outage Hours + Hours on Line)] x 100

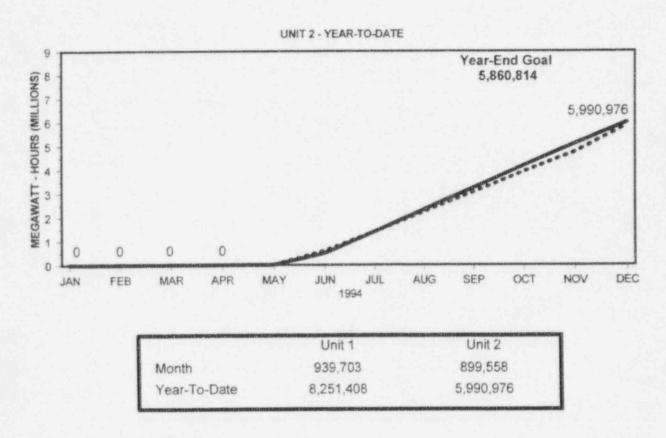


NOTE: Year-end forced outage rates were reforecasted to project achievable targets.

### **Net Generation**

Net Generation measures energy production in terms of megawatt-hours. Generation used for station service and auxiliaries is excluded. Net Generation excludes station loads during unit shutdown.

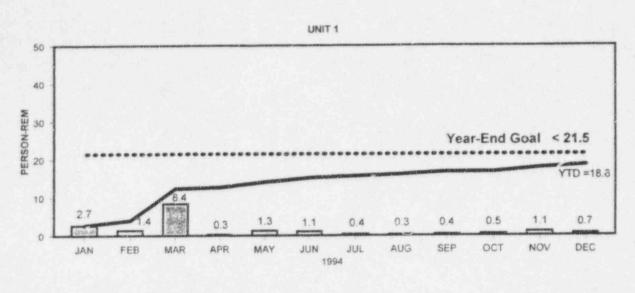


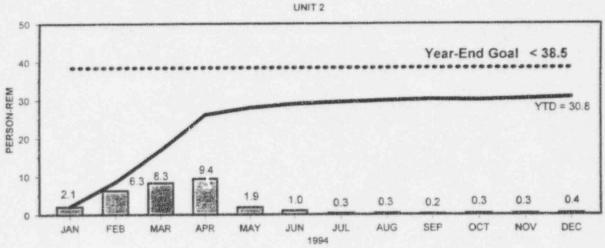


NOTE: Year-end goals and generation curves were reforecasted to project revised unit capability...

### **Collective Radiation Exposure**

Collective Radiation Exposure is the total effective dose equivalent received by all station personnel, including contractors and visitors.

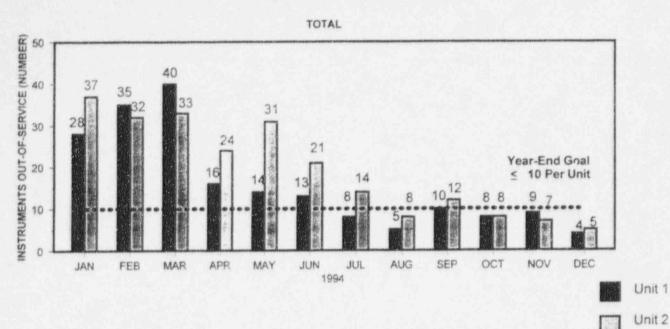


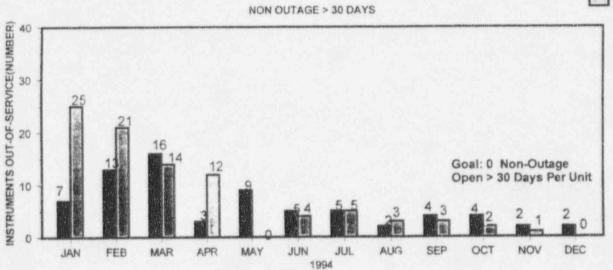


INPO GOAL	185 per unit
STP Experience	Person-Rem
1992	76.0 per unit
1993	125 5 per unit

### Main Control Board Instruments Out-of-Service

Main control board instruments out-of-service are defined as instruments used in the main control room that cannot perform their design function.

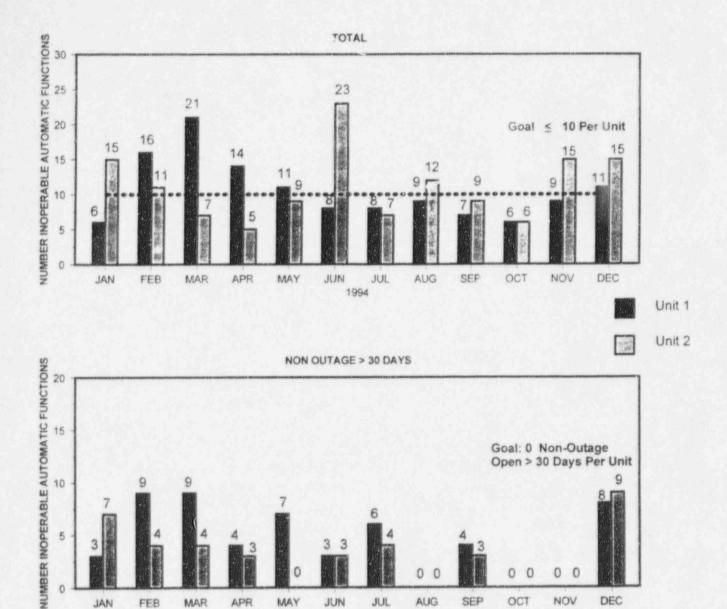




STP Experience	No. Instruments	
Unit 1		
1992	19	
1993	67	
Unit 2		
1992	24	
1993	57	

### **Inoperable Automatic Functions**

Inoperable Automatic Functions tracks components that have an automatic function that does not work and requires operator manual operation (automatic function not working) and/or a component that is out-of-service and requires compensatory action by an operator (operator work-around).



STP Experience	No. Functions
Unit 1	
1992	11
1993	28
Unit 2	
1992	24
1993	37

AUG

JAN

FEB

MAR

APR

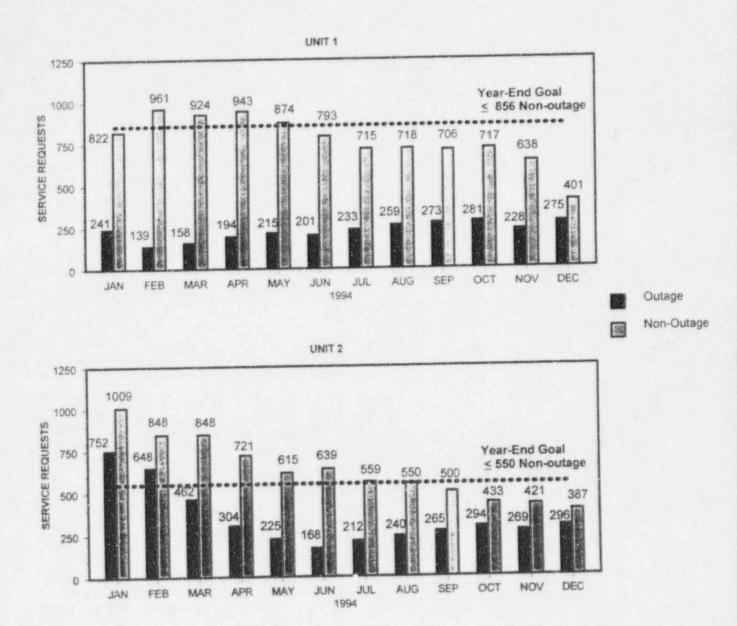
MAY

JUN

1994

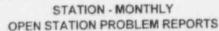
### Service Requests

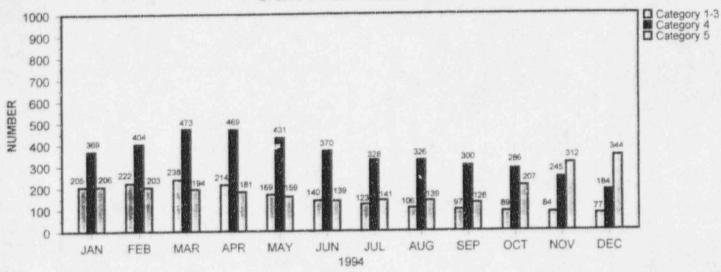
Number of incomplete (Status 60 or less) work orders for corrective and preventive service requests at the end of each month. Status 60 or less are those service requests that are in planning or have received work start approval.



### **Station Problem Reports**

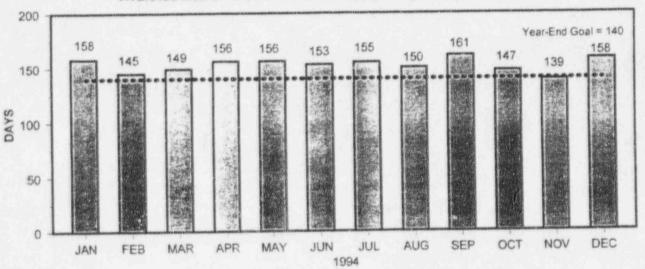
Station Problem Report Effectiveness is a measure of the Nuclear Group's performance in identifying root causes and accomplishing corrective actions committed to in Station Problem Reports. It is based upon the number of and the average age of open Station Problem Reports.





STATION - MONTHLY

AVERAGE AGE OF OPEN STATION PROBLEM REPORTS - CATEGORY 1-5



NOTE: The increase in Category 5 continues to be attributed to the introduction of the Corrective Action Program which was initiated October 17, 1994. These numbers do not include Condition Reports identified as "work order" nor do they include items previously tracked in the Licensing Commitment Tracking System (LCTS). For clarification CAT 1-3, 4, and 5 SPRs are the equivalent of Significant, Station and Department level CRs respectively.

RISK EVALUATION

### **OUTAGE**

### PRE-OUTAGE SCHEDULE

- SCHEDULE WORK WINDOWS TO SUPPORT PLANT CONDITION
- REVIEW STATION PROBLEM REPORTS AND CONDITION REPORTS ASSOCIATED WITH SHUTDOWN SAFETY
- REVIEW HIGH-IMPACT EVOLUTIONS

### SHUTDOWN RISK GROUP

- INCORPORATE LESSONS LEARNED FROM PREVIOUS OUTAGES
- REVIEW HIGH-RISK AREAS IN SCHEDULE AND RECOMMEND SCHEDULE CHANGE OR CONTINGENCY PLANS
- EVALUATE TIME-TO-BOIL VERSUS ACTIVITIES AND LIMITATIONS

- REVIEW AND COMPLETE RISK ASSESSMENT ADDENDA
- PREPARE REPORT FOR PLANT MANAGEMENT

### **DURING OUTAGE**

- CONDUCT SCHEDULE REVIEW
- REVIEW OUTAGE ADDITIONS WHICH REQUIRE SHUTDOWN RISK ANALYSIS
- REVIEW CHANGES OUTSIDE DESIGNATED WORK WINDOWS
- OPERATIONS MANAGER MAINTAINS OVERSIGHT OF KEY SAFETY SYSTEMS
- OUTAGE RISK ASSESSMENT AND MANAGEMENT SYSTEM USED TO MONITOR SCHEDULE CHANGES

### **ONLINE MAINTENANCE**

### PRESENT USES

- EVALUATE PLANNED MAINTENANCE ACTIVITIES TO DETERMINE WINDOWS OF INCREASED RISK
- ASSESS THE CUMULATIVE RISK OF EQUIPMENT OUT-OF-SERVICE

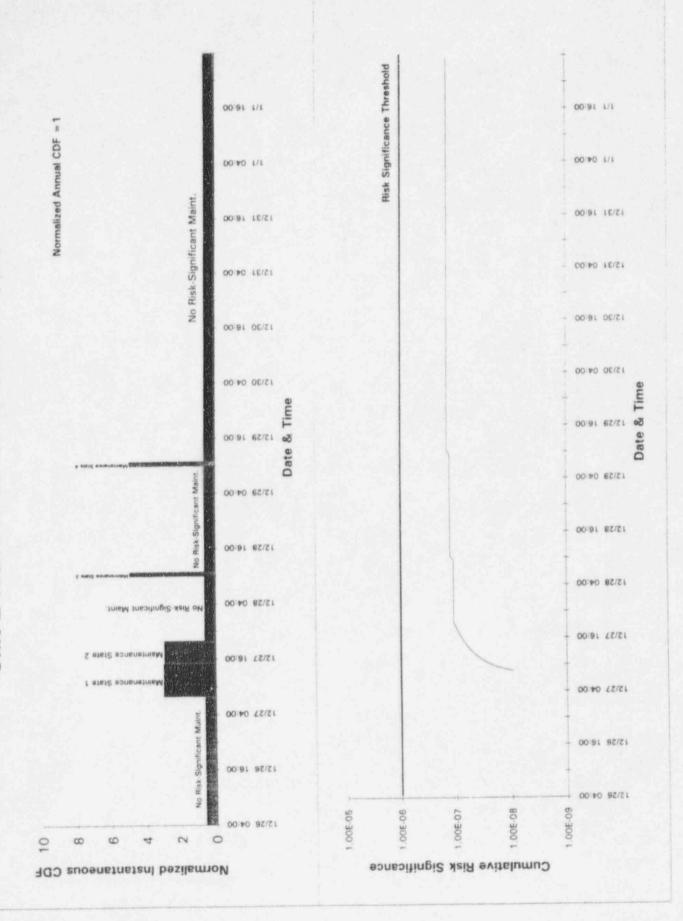
### PROJECTED NEAR-TERM USES

- RISK SIGNIFICANCE THRESHOLD ESTABLISHED BOUNDARIES FOR DETERMINING LCO ALLOWED OUTAGE TIMES, PARTICULARLY IN CASES WHERE TECH SPEC 3.0.3 HAS BEEN ENTERED
- ALLOW PERIODIC ASSESSMENT OF ACTUAL YEARLY CORE DAMAGE FREQUENCY

### PROJECTED FUTURE USES

- ESTABLISH TECHNICAL BASIS TO EVALUATE SIGNIFICANT EVENTS
- OVER MANY PLANT CYCLES, PERIODIC CDF TREND ASSESSMENTS ESTABLISH A STRONG TECHNICAL BASIS FOR LIFE EXTENSION

Unit 2 Risk Profile for Week of 12/26/94



# EMPLOYEE CONCERNS PROGRAM

## REVIEW OF THE EMPLOYEE CONCERNS PROGRAM

- BASED PROGRAM CHANGES ON RECOMMENDATIONS FROM AN INDEPENDENT ASSESSMENT AND EMPLOYEE FEEDBACK
- OBJECTIVE TO IMPROVE THE EXISTING PROCESS AND ENHANCE EMPLOYEE CONFIDENCE IN THE PROGRAM
- INITIATED IN DECEMBER 1993, IMPLEMENTED 1st QUARTER 1994
- HIGHLIGHTS
  - COORDINATED CONCERNS UNDER ONE UMBRELLA PROGRAM -ESTABLISHED FOUR SUBGROUPS
  - FOCUS ON NUCLEAR SAFETY AND QUALITY CONCERNS
    WHILE STILL PROVIDING MEANS TO ADDRESS OTHER ISSUES
  - EMPLOYEE ADVOCATE PROVIDES CENTRAL AVENUE FOR CONCERNEES

# TRAINED SUPERVISORS AND MANAGERS IN THEIR ROLES AND ESTABLISHED CONTINUING TRAINING

- ESTABLISHED PROGRAM PERFORMANCE MEASURES
- EFFECTIVENESS
  - EMPLOYEES ARE USING THE PROGRAM
  - FEEDBACK FROM EMPLOYEES HAS BEEN POSITIVE
  - TWO ASSESSMENTS (ONE EXTERNAL & ONE INTERNAL) AND ONE NRC INSPECTION WERE POSITIVE ONLY MINOR ENHANCEMENT RECOMMENDATIONS RESULTED
  - SITEWIDE SURVEY AND INDEPENDENT ASSESSMENT INDICATED IMPROVED CONFIDENCE IN PROGRAM AND THAT EMPLOYEES WOULD REPORT A NUCLEAR SAFETY CONCEPTION.

## ORGANIZATIONAL CHANGE

- THE REPORTING RELATIONSHIP OF THE HUMAN RESOURCES SERVICES SUBGROUP WAS CHANGED TO ACCESS AUTHORIZATION EFFECTIVE 11/16/94
- NEW SUBGROUP IS CALLED LEGAL AND PERSONNEL SERVICES
- OBJECTIVES
  - MORE INDEPENDENCE I.E. SEPARATED CONCERNS AND GRIEVANCES FROM OTHER HUMAN RESOURCES POLICY ISSUES
  - PHYSICALLY LOCATE PROGRAM PERSONNEL SEPARATE FROM OTHER HUMAN RESOURCES FUNCTIONS
  - IMPROVE PERCEPTIONS IDENTIFIED THROUGH EMPLOYEE RANDOM FEEDBACK AND THE INDEPENDENT ASSESSMENT

## EMPLOYEE CONCERNS PROGRAM STATISTICS

- HAVE RECEIVED 290 CONCERNS (AN AVERAGE OF 22.3 PER MONTH)
  - ONLY 7% HAVE BEEN NUCLEAR SAFETY OR QUALITY
- HAVE CLOSED AN AVERAGE OF 19.2 PER MONTH
- CURRENT BACKLOG IS 51
  - ONLY ONE IS NUCLEAR SAFETY
  - NONE ARE WRONGDOING
- AVERAGE OF 17.3 NEW CONCERNS PER MONTH DURING LAST FOUR MONTHS
- 23.1% OF CONCERNS ARE SUBSTANTIATED APPROXIMATES INDUSTRY AVERAGE

## SOURCES OF CONCERNS

	<u>5/93 - 11/93</u>	SINCE 12/93
WALK-INS	24.1%	41.4%
MAIL-INS	13.3%	21.1%
BOX	30.1%	5.2%
PHONE	18.1 %	9.0%
EXITS	2.4%	9.3%
MANAGEMENT	12.0%	13.9%
ANONYMOUS	36.0%	15.4%

## EMPLOYEE FEEDBACK

- TWO FEEDBACK SOURCES
  - RANDOM CONTACTS 46 NEGATIVE OUT OF 641 TOTAL (7.2%)
  - CONCERNEE FOLLOWUP 2 NEGATIVE OUT OF 49 TOTAL (4.1%)

# TECHNICAL SPECIFICATION IMPROVEMENTS

#### SHORT-TERM IMPROVEMENTS

- TO SUPPORT 1RE05
  - CHANGE DIESEL GENERATOR REQUIREMENTS IN MODES 5 AND 6
    WHILE MAINTAINING REDUNDANT POWER SOURCES DURING
    PERIODS OF LOW INVENTORY
  - CHANGE NUMBER OF BATTERY CHARGERS REQUIRED PER CHANNEL
  - ALLOW PERSONNEL AIR LOCK TO BE OPEN DURING REFUELING OPERATIONS
  - ALLOW SUBSTITUTION OF EXTENDED RANGE FOR SOURCE RANGE NUCLEAR INSTRUMENT

- TO SUPPORT 2RE04
  - ESTABLISH ONCE-PER-CYCLE LCO WITH DURATION SUFFICIENT TO PERFORM REQUIRED DIESEL GENERATOR PREVENTATIVE MAINTENANCE WHILE MAINTAINING CORE DAMAGE FREQUENCY WITHIN ESTABLISHED LIMITS
  - ALLOW REMOVAL OF ALL PRESSURIZER SAFETY VALVES IN MODE 5
  - REMOVE THE "AT SHUTDOWN" REQUIREMENT FROM THE DIESEL GENERATOR 24-HOUR RUN SURVEILLANCE

### OTHERS

- NRC IS PREPARING TO ISSUE VARIOUS REVISIONS TO THE DIESEL GENERATOR TECHNICAL SPECIFICATIONS WHICH INCORPORATE PROVISIONS OF THE NEW STANDARD AND RESOLVE SEVERAL LONG STANDING ISSUES
- A CONTINGENCY SUBMITTAL IS BEING PREPARED TO SUPPORT ALTERNATE STEAM GENERATOR PLUGGING CRITERIA IN CASE IT IS NEEDED IN 1RE05
- A CHANGE IS BEING PREPARED TO RELOCATE THE TOXIC GAS AND CONTAINMENT PENETRATION PROTECTION BREAKER TECHNICAL SPECIFICATIONS TO ALLOW RESOLUTION OF SEVERAL LONG STANDING ISSUES

#### LONG-TERM IMPROVEMENTS

- COMMITTED TO CONVERT THE TECHNICAL SPECIFICATIONS TO THE IMPROVED STANDARD TECHNICAL SPECIFICATIONS
  - PROVIDE A MECHANISM TO READDRESS SOME OF THE UNIQUE FEATURES OF THE PLANT
  - TAKE ADVANTAGE OF THE IMPROVED BASES AND CLARITY OF THE IMPROVED TECHNICAL SPECIFICATIONS
  - ENHANCE CONSISTENCY AND CLARITY OF THE TECHNICAL SPECIFICATIONS
  - SCHEDULED FOR SUBMITTAL BY FEBRUARY 1996

# SUCCESSES AND CHALLENGES

#### SUCCESSES

- EMPLOYEE ATTITUDE SURVEY
  - EMPLOYEE OPINION OF TRAINING APPLICABILITY
- ACCEPTANCE OF THE EMPLOYEE CONCERNS PROGRAM
- MATERIAL CONDITION OF THE UNITS
  - ENGINEERING INVOLVEMENT
- PLANT PERFORMANCE
- GRADED EMERGENCY PREPAREDNESS EXERCISE
- OPERATOR LICENSING AND MAINTENANCE TRAINING

## **CHALLENGES**

- EQUIPMENT CLEARANCE ORDERS
- SURVEILLANCE TEST PROCEDURES
- STAFFING DECISIONS
- OUTAGE PLANNING AND EXECUTION

