APR 04 1990

Docket No. 50-395 License No. NPF-12

South Carolina Electric & Gas Company ATTN: Mr. O. S. Bradham Vice President, Nuclear Operations Virgil C. Summer Nuclear Station P. O. Box 88 Jenkinsville, SC 29065

Gentlemen:

SUBJECT: MANAGEMENT MEETING SUMMARY - V.C. SUMMER

This letter refers to the Management Meeting held at your request on March 12, 1990. This meeting concerned activities authorized for your V. C. Summer facility. The issues discussed at this meeting related to your self assessment of overall performance.

In accordance with 10 CFR 2.790, a copy of this letter and it enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this letter, please contact us.

Sincerely, Original Signed by Charles W. Hehl /for

Luis A. Reyes, Director Division of Reactor Projects

Enclosures:

1. Management Meeting Summary

2. List of Attendees

3. Handout

cc w/encls: J. L. Skolds, General Manager Nuclear Plant Operations Summer Nuclear Station P. O. Box 88 (Mail Code 300) Jenkinsville, SC 29065

(cc w/encls cont'd - See page 2)

9004240434 900404 PDR ADOCK 05000395 Q PDC IL 45

(cc w/encls cont'd) A. R. Koon, Jr., Manager Nuclear Licensing Summer Nuclear Station P. O. Box 88 (Mail Code 612) Jenkinsville, SC 29065

J. B. Knotts, Jr. Bishop, Cook, Purcell & Reynolds 1400 L Street, NW Washington, D. C. 20005-3502

R. E. Rainear Executive Vice President South Carolina Public Service Authority P. O. Box 398 Moncks Corner, SC 29461-0398

Chairman, Fairfield County Council P. O. Box 293 Winnsboro, SC 29180

Attorney General Box 11549 Columbia, SC 29211

Heyward G. Shealy, Chief Bureau of Radiological Health South Carolina Department of Health and Environmental Control 2600 Bull Street Columbia, SC 29201

bcc w/encls: J. J. Hayes, NRR Document Control Desk

NRC Resident Inspector U.S. Nuclear Regulatory Commission Route 1, Box 64 Jenkinsville, SC 29065

RIA: DRP PBalmain 04/4/90

RII: DRP ON CFCantrell 04/4/90

RII: DRP DV DVerrelli 04/4/90

RII: DRP

ENCLOSURE 1

MANAGEMENT MEETING SUMMARY

A Management Meeting was held in the Region II Office on March 12, 1990 to discuss the licensee's self assessment of overall performance at the V. C. Summer Nuclear Station.

The licensee opened the meeting with an overview of performance which included accomplishments from 1989 through the present. Management strategies and enhancements to continue improvements to safety and performance were also discussed.

Plant operations performance was addressed by the licensee and included a discussion of recent trends. In addition specific areas which the licensee determined a need for improvement were discussed. The licensee explained their approach to improve procedures, drawing legibility and labeling plant equipment.

The area of procedure compliance was addressed at length by the licensee in response to recent trends in events related to plant personnel failing to follow procedures.

The licensee discussed staffing increases being implemented and qualification requirements for engineering and operations personnel.

The scope of the Spring 1990 refueling outage was discussed at some length. The licensee closed the discussion by addressing long term goals and a proposed time frame for steam generator replacement and condenser upgrades.

ENCLOSURE 2

LIST OF ATTENDEES

South Carolina Electric and Gas Company

- O. S. Bradham, Vice President Nuclear Operations
- J. L. Skolds, General Manager Nuclear Operations
- D. R. Moore, General Manager Engineering Services
- K. W. Nettles, General Manager Nuclear Safety

U. S. Nuclear Regulatory Commission

- S. D. Ebneter, Regional Administrator
- C. W. Hehl, Deputy Director, Division of Reactor Projects (DRP)
- A. F. Gibson, Director, Division of Reactor Safety (DRS)
- E. Merschoff, Deputy Director, DRS
- D. M. Verrelli, Chief, Reactor Projects Branch 1, DRP
- D. M. Collins, Chief, Emergency Preparedness and Radiological Protection Branch, Division of Radiation Safety and Safeguards (DRSS)
- W. E. Cline, Chief, Nuclear Materials Safety and Safeguards Branch, DRSS
- J. J. Hayes, Project Manager, Office of Nuclear Reactor Regulation (NRR)
- F. S. Cantrell, Chief, Reactor Projects Section 1B, DRP
- F. Jape, Chief, Quality Performance Section, DRS
- P. Kellogg, Chief, Operational Programs Section, DRS
- R. L. Prevatte, Senior Resident Inspector Summer, DRP
- L. P. Modenos, Resident Inspector Summer, DRP
- P. A. Balmain, Project Engineer, DRP
- R. W. Wright, Reactor Inspector, DRS
- L. P. Zerr, Technical Intern, NRR

V. C. SUMMER NUCLEAR STATION

PERFORMANCE REVIEW FOR THE U. S. NUCLEAR REGULATORY COMMISSION

CHALLENGES

INITIATIVES

RESULTS

PRESENTED: MARCH 12, 1990

ATLANTA, GEORGIA

SOUTH CAROLINA ELECTRIC & GAS COMPANY

NUCLEAR EXCELLENCE - A SUMMER TRADITION!

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NUCLEAR OPERATIONS DIVISION

INTRODUCTION

O. S. BRADHAM
VICE PRESIDENT
NUCLEAR OPERATIONS

AGENDA

INTRODUCTION

Ollie Bradham Vice President, Nuclear Operations

NUCLEAR PLANT OPERATIONS

Jack Skolds General Manager Nuclear Plant Operations

ENGINEERING SERVICES

Dave Moore General Manager Engineering Services

NUCLEAR SAFETY

Ken Nettles General Manager Nuclear Safety

SUMMARY

Ollie Bradham Vice President, Nuclear Operations

ACCOMPLISHMENTS DURING 1989

- COMPLETED PROFESSIONALISM SELF-ASSESSMENT
- COMPLETED NUCLEX EVALUATION
- APPROVAL TO HIRE 103 ADDITIONAL PERSONNEL
- ACHIEVED BUDGET GOALS FOR 1989

1% UNDER O&M
2% UNDER CAPITAL

- 2 OF 3 UNIT INCENTIVE GOALS ACCOMPLISHED
- ROOT-CAUSE ANALYSIS PROGRAM IMPROVEMENT

 PRESSURIZER SAFETY VALVE ISSUE
 EHC PROBLEMS
- INDUSTRIAL SAFETY RECORD FEBRUARY 21, 1990

INDUSTRIAL SAFETY STATISTICS

LAST LOST TIME CASE - MAY 2, 1989

NUMBER OF DAYS SINCE LAST
 LOST TIME CASE - 296 (2/21/90)

 TOTAL NUMBER SAFE MANHOURS WORKED SINCE LAST LOST TIME CASE - 1,000,484

-VCSNS SAFETY RECORDS-

- THE MOST CONSECUTIVE DAYS WORKED WITHOUT A LOST TIME INJURY - 635 DAYS
- THE MOST MANHOURS WORKED WITHOUT A LOST TIME CASE - 1,804,328(10/86 THRU 4/88)

MAKE EVERY DAY, A SAFE DAY IN 1990

LET'S MAKE IT 2,000,000!

STRATEGIES FOR ENHANCING EXCELLENCE

- EXECUTIVE DIRECTION AND CONTROL
- MANAGEMENT EFFECTIVENESS
- IMPROVE PLANT PERFORMANCE
- OUTAGE PERFORMANCE ENHANCEMENT
- LONG-RANGE PLANNING
- HUMAN RESOURCE DEVELOPMENT
- NOD EXTERNAL RELATIONS
- PROGRAM ENHANCEMENT

STRATEGIES FOR ENHANCING EXCELLENCE

IMPLEMENTATION PLAN

- STRATEGY MANAGERS ASSIGNED IN DECEMBER
- COMMUNICATE NUCLEX STUDY RESULTS TO EMPLOYEES
- PRIORITIZE STRATEGIES AND GOALS
- STRATEGY MANAGER ACTION PLANS DEFINED BY JUNE 30, 1990
- IMPLEMENT APPROVED WORK PLAN
- PERIODIC PROGRESS REPORTS TO STRATEGY TEAM, EMPLOYEES, AND CORPORATE MANAGEMENT
- ASSESSMENT OF EFFECTIVENESS AFTER WORK
 PLAN COMPLETION AND ANNUALLY THEREAFTER

NUCLEAR PLANT OPERATIONS

- OPERATIONS
- MAINTENANCE
- SCHEDULING & MODIFICATIONS
- SECURITY
- CHEMISTRY & HEALTH PHYSICS
- EDUCATION & TRAINING

J. L. SKOLDS GENERAL MANAGER

PLANT OPERATIONS

- PLANT PERFORMANCE
- PLANT OPERATIONS
- RADIOLOGICAL CONTROLS
- MAINTENANCE / SURVEILLANCE
- EMERGENCY PREPAREDNESS
- SECURITY
- TRAINING
- PROCEDURE COMPLIANCE / PERFORMANCE IMPROVEMENT

PLANT PERFORMANCE

JANUARY 1, 1989 - FEBRUARY 28, 1990

UNIT AVAILABILITY:

83.5%

UNIT CAPACITY FACTOR:

74.0%

FORCED OUTAGE RATE:

16.45%

PLANT OPERATIONS

Previous SALP Rating: 2

Areas Needing Improvement:

- Procedures
- Drawing Legibility
- Labeling
- Procedure Compliance
- Reactor Trips
- EOPs
- Watchstanding Administrative Controls

PLANT OPERATIONS (cont'd)

- Procedure Reviews/Walkdowns
- Upgraded Drawings
- Labeling Program
- Personnel Error Reduction Program
- EOP Upgrade
- Test Group
- Operations Standards
- Improved Watchstanding Administrative Controls

RADIOLOGICAL CONTROLS

Previous SALP Rating:

Areas Needing Improvement:

- Collective Dose Reduction
- Reduction of Source
- Personnel Contaminations

- Improved ALARA Committee
- Elevated Priority of ALARA Planning
- Emphasized Worker Accountability
- Fuel Inspection Planned for Refuel 5
- Emphasized PC Techniques in Training
- Stricter Controls for Spills
- Established More Ambitious Goals for 1990
- Improved ALARA Suggestion Program

MAINTENANCE / SURVEILLANCE

Previous SALP Rating: 1

Areas Needing Improvement:

- First Line Supervisory Involvement
- Procedure Compliance/Personnel Performance
- Worker Knowledge

- Shop Supervisory Involvement
- Personnel Error Reduction Program
- Improved Training
- Technical Manual Improvement
- Improved Procedures
- Reliability Centered Maintenance
- Test Group

EMERGENCY PREPAREDNESS

Previous SALP Rating: 2

Areas Needing Improvement:

- Training
- Classification
- Communications

- Development of Training Matrix
- Increased QA Surveillance
- Conducted Additional Training for SS/IED/EDs
- Increased Communications Drills
- Tested Back-Up EOF
- Moving EOF
- Development of Emergency Plan DBD
- Increased State and Local Interface
- Increased Staff

SECURITY

Previous SALP Rating: 2 (declining)

Areas Needing Improvement:

- Management of Security Operations
- Personnel Access Control
- Hardware

- New Manager, Nuclear Protection Services
- Increased Senior Management Involvement
- Improved NRC Communications
- Improved Training on Safeguards Events
- Increased Supervisory Involvement
- Developed Security Shift Leader Handbook
- Improved Badge Issuance Procedure
- Adding Cameras
- Adjusted Cameras Masking Eliminated
- Replaced E-Field

TRAINING

Areas Needing Improvement:

- Shortage of Instructors
- Development of New Test Format

- Added 9 Positions
- 21 of 24 Licensed Personnel Passed Requal Exam
- 100% Pass Rate for New ROs/SROs

PROCEDURE COMPLIANCE/PERFORMANCE IMPROVEMENT

Indicators:

- Recent increase in frequency of personnel errors
- Procedure noncompliance
- Procedures generally adequate

- NUCLEX
- Trending Programs
- Extensive Communications
- General Manager Involvement
- Identification of problems in each group
- Vertical slice of organization
- Establishment of monitoring system
- Division goal
- Emphasize Principles of Excellence

ENGINEERING SERVICES

- DESIGN ENGINEERING
- SYSTEMS & PERFORMANCE ENGINEERING
- CORE ENGINEERING &
 NUCLEAR COMPUTER SERVICES
- MATERIALS & PROCUREMENT ENGINEERING

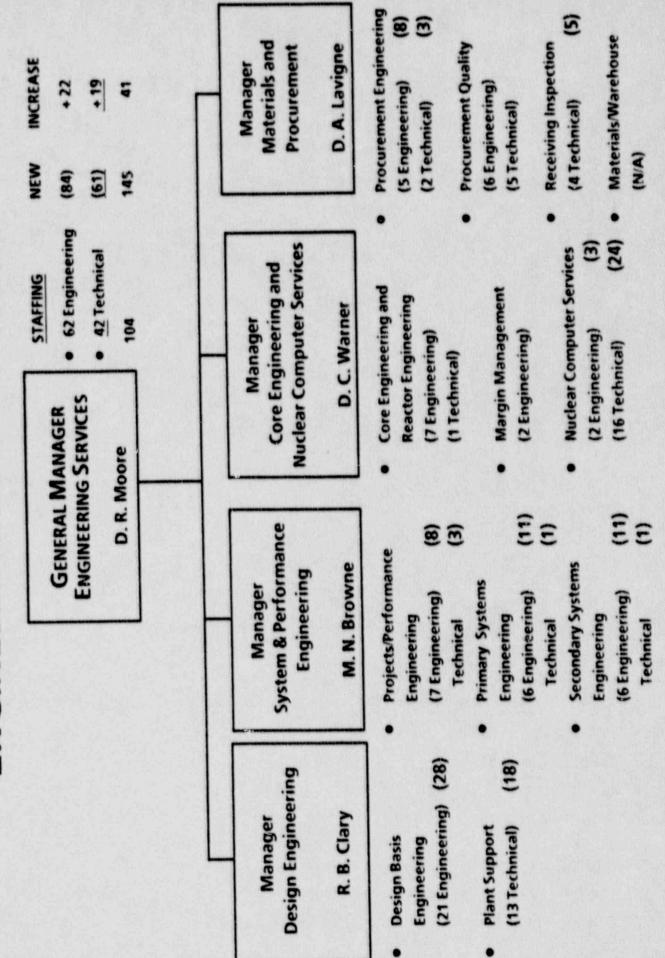
D. R. MOORE GENERAL MANAGER

TECHNICAL SUPPORT

(Engineering Services)
Previous SALP Rating - 2

- Staffing Status
- System Engineer Program Status
- Steam Generator Status
- Engineering Issues
 - Problem Identification
 - Design Basis/Licensing Basis
 Documents
 - Drawing Legibility
 - IPE/PRA Milestones

ENGINEERING SERVICES GROUP



STAFFING LEVEL

DESIGN ENGINEERING

	PREVIOUS	INCREASE	PRESENT
MANAGEMENT/SUPERVISION	5	0	5
ENGINEERS	21	7	28
SPECIALISTS	9	5	14
TOTAL	35	12	47

NEW POSITIONS - (03/12/90)

FILLED 6

PROCESSING 3

OPEN 3

STAFFING LEVEL

Systems & Performance Engineering

	Previous	Increase	Present
Management/Supervision	4	0	4
Engineers	19	11	30
Specialists	_0	5	5
Total	23	16	39

New Positions - (3/12/90)

Filled 3

Processing 8

Open 5

SYSTEM ENGINEER QUALIFICATION STATUS

- 13 Engineers Fully Qualified on One (1) System
- 4 Engineers About to Qualify on First System
- 5 Engineers in Process on First Qualification
- Qualified Engineers Working on Other Systems

46 of 84 Engineers Completed Nuclear Technical Training

35 of 84 Have Professional Engineering Licenses

REFUEL 4 (RF4) STEAM GENERATOR TUBE PLUGGING

	S/G A	S/G B	S/G C	TOTAL
# PLUGGED	117	293	129	539
BEFORE RF 4	(2.5%)	(6.3%)	(2.8%)	(3.8%)
# PLUGGED	180	233	175	588
DURING REFUEL 4	(3.9%)	(5.0%)	(3.7%)	(4.2%)
# OF PLUGGED TUBES RECOVERED DURING RF 4 (F*, MISPLUGS)	17	19	0	36
TOTAL # PLUGGED	280	507	304	1091
	(6.0%)	(10.9%)	(6.5%)	(7.8%)
# MEETING F*	97	203	69	369
CRITERIA DURING RF 4	(2.1%)	(4.3%)	(1.5%)	(2.6%)
# OF RF 4 PLUGGED TUBES THAT ARE L* CANDIDATES	95 (2.0%)	77 (1.6%)	51 (1.1%)	**233 (1.7%)

^{** 39.6% (233/588)} OF THE TUBES PLUGGED DURING REFUEL 4 (FAILED TO MEET F* CRITERIA) WOULD HAVE BEEN CANDIDATES FOR MEETING THE L* CRITERIA.

STEAM GENERATOR PROJECT

RF 5 WORKSCOPE

TASK	SGA		SGB		sgc	
/ASK	HL	CL	HL	CL	HL	CL
TUBE ECT	4394*		4167*		4372*	
PLUG ECT	275		394		302	110
PULL PLUG**	192	0	51	0	279	0
PAP	5	0	111	0	2	0
PLUG**	299	107	148	97	403	124
SLEEVE**	100		100			
STABILIZE U-BEND	1		1		5	
VERIFICATION INSPECTION	Yes	Yes	Yes	Yes	Yes	Yes
FOREIGN OBJECT SEARCH & RETRIEVAL IN SIG "C"						

^{*} Approximately 23% of these tubes will be inspected from the hot leg tubesheet over the U-bend to the top support plate of the cold leg.

^{**} Projected Numbers.

PROBLEM IDENTIFICATION / RESOLUTION

- STEAM BREAK INVESTIGATION
- CHILLER SERVICE WATER FLOW RATES (CHILLER WATER) - PART 21
- ROOT CAUSE EVALUATION DC GROUND

CUMULATIVE EFFECTS - IEN 88-86 SUPP. 1

- ELECTRICAL SSFI DEGRADED
 VOLTAGE CALCULATIONS
- SERVICE WATER SSFI MODIFICATION
 TO FIX POTENTIAL FLOODING
- PRESSURIZER SAFETY VALVE EVALUATIONS
- IDENTIFICATION/RESOLUTION OF PROBLEMS RESULTING FROM JULY 11 PLANT TRIP

DESIGN BASIS DOCUMENT (DBD) PROGRAM STATUS

DBDs ISSUED Thru 1989	
DBDs UNDER DEVELOPMENT DURING 1989 (To Be Issued During 1990)	11
LICENSING BASIS DOCUMENT (1990)	1
DBDs PLANNED (1990 - 1991)	12
DBDs PLANNED (1992)	7
DBD PROGRAM TOTAL	55

DRAWING CONTROL PROGRAM ENHANCEMENTS

REVISED PROGRAM TO ENSURE:

- Correct drawing/revisions Maintained in Control Room
- All Control Room Essential Drawing are Supplemented with Interim Drawings during Modification Process

TIGHTENED STANDARDS FOR DRAWING LEGIBILITY:

- Level 1 100% Legibility as Determined by Doc. Control
- Level II Legibility Requirements Determined by User
- Level III Acceptable As-Is

INSTALLED INTERGRAPH SYSTEM:

- Drawings will be maintained by Computer
- Eliminates further Deterioration of Drawing
- Used for Drawing Enhancements

IPE TASKS

- 1. PROJECT MANAGEMENT
- 2. INFORMATION COLLECTION
- 3. DATA COLLECTION & DATA BASE
- 4. INITIATING EVENTS
- 5. PLANT DAMAGE STATES
- 6. SUPPORT STATE MODEL & QUANTIFICATION
- 7. EVENT TREE DEVELOPMENT
- 8. SYSTEM DESIGN DOCUMENTATION
- 9. FAULT TREE DEVELOPMENT
- 10. SYSTEMS INTERACTION EVALUATION
- 11. HUMAN RELIABILITY ASSESSMENT
- 12. FAULT TREE QUANTIFICATION
- 13. ACCIDENT SEQUENCE QUANTIFICATION
- 14. INTERNAL FLOODING ASSESSMENT
- 15. RECOVERY ACTION EVALUATION
- 16. EVALUATION OF SEQUENCE ANALYSIS
- 17. SENSITIVITY & IMPORTANCE ANALYSIS
- 18. IMPAIRED CONTAINMENT ANALYSIS
- 19. CONTAINMENT SYSTEMS ANALYSIS
- 20. CONTAINMENT STRUCTURAL ASSESSMENT
- 21. CONTAINMENT EVENT TREE
- 22. SOURCE TERM ANALYSIS & EVALUATION
- 23. EVALUATION OF IPE RESULTS
- 24. PROJECT DOCUMENTATION
- 25. INDEPENDENT REVIEWS
- 26. PROJECT REVIEW
- 27. IPE SUBMITTAL REPORT

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NUCLEAR SAFETY

- TECHNICAL OVERSIGHT
- QUALITY SYSTEMS
- CORPORATE HEALTH PHYSICS
 & ENVIRONMENTAL PROGRAMS
- NUCLEAR LICENSING

K. W. NETTLES GENERAL MANAGER

SAFETY ASSESSMENT QUALITY VERIFICATION

PREVIOUS SALP RATING: 2

- Trending Overview
- Safety System Functional Reviews
- Root Cause Analysis
- ALARA Review Initiatives
- Operating Experience Status
- NOD Plant Management Overview
- Licensing Status
- Staffing

TRENDING OVERVIEW

- Quality-Based Trending
 - Audit/Surveillance Findings
 - Programmatic Concerns
 - NCN's
 - Work Practice Observations
- Technical-Based Trending
 - NPRDS
 - NCN's
 - R&R Logs
 - ISI Pump Maintenance
 - Vibration of Rotating Equipment
 - Equipment Aging and Performance Trending
 - Off-Normal Occurrences
 - Station Battery Inspections
- Future Initiatives
 - Integration of All Trending Programs
 - Strengthening of Root Cause Analysis

SAFETY SYSTEM FUNCTIONAL REVIEWS (SSFR'S)

- SSFR'S Completed
 - Emergency Feedwater Emergency Power Service Water

 - **DG Services**
 - **Component Cooling Water**
 - HVAC
- SSFR's Scheduled For 1990
 - **Residual Heat Removal**
 - **RB Structure and Containment** Systems
- SSFR's Scheduled Beyond 1990

 - Safety Injection
 Chemical and Volume Control
 - **Reactor Make-up Water**
 - **Reactor Protection Control System**
 - **Rod Control**
 - **Fire Service**

SSFR STATUS

	<u>OPEN</u>	CLOSED	TOTAL
Emergency Feedwater	7	33	40
Emergency Power	9	22	31
Service Water	13	14	27
Diesel Generator	10	6	16
Component Cooling	13	3	16
Air Handling	18	0	18

SSFR STATUS

	<u>EFW</u>	EPS	sws	DG	ccw	HVAC
MODIFICATIONS Hardware Design Documents	2 6	4 13	4 12	4 9	1 7	4 6
Testing and/or Procedural Upgrading	23	14	10	6	11	9
Software (FSAR, Tech. Spec., etc.)	7	5	1	1	0	3
No Changes	7	5	3	1	0	2

ROOT CAUSE ANALYSIS ISSUES

- Training
- Root-Cause Analysis Manual
- HPES Initiative
- MRB Root Cause Analysis Team Actions
- Proactive Posture

CHP ALARA REVIEW INITIATIVES

- RFO #5 Continuous ALARA Review of Activities
- Inter-Utility Participation In ALARA
 Reviews
- Performance Based ALARA Reviews
- Increased Technical Support

OPERATING EXPERIENCE

- Current Status Industry Issues
 - 48 Screening/Evaluation
 - <u>80</u> Implementation 128 Total Backlog
- Averages For Past Twelve (12) Months
 - 17.8 Received Per Month
 - 18.1 Closed Per Month
- Initiatives
 - Strengthen In-House Program
 - Continue Reduction of Backlog

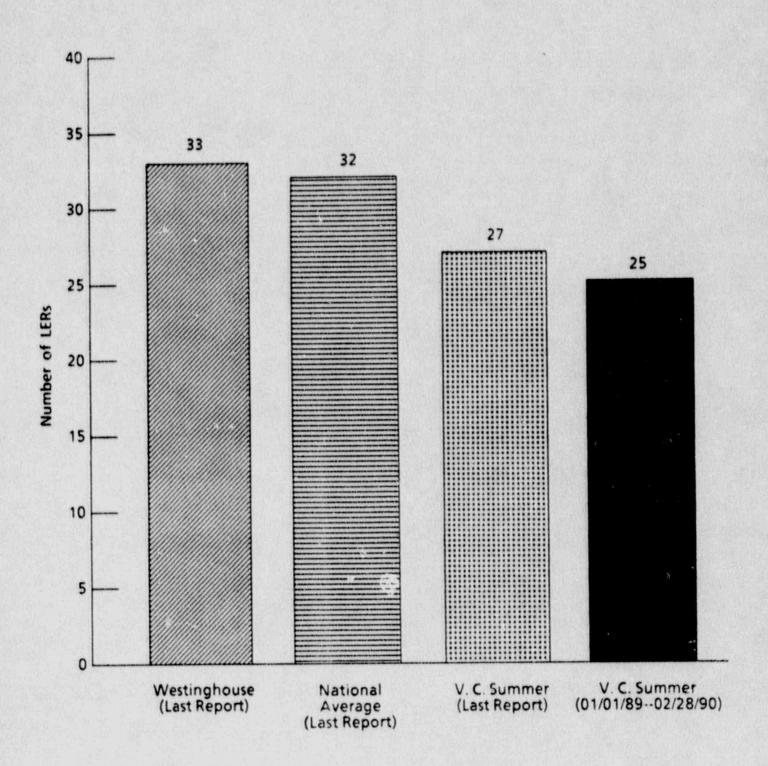
PLANT MANAGEMENT OVERVIEW INITIATIVE

- VP/GM's Periodic Overview of Plant Operations/Trends
 - Performance Indicators
 - Trending Overview
- Programs and Hardware
- Assess Overall Plant Performance
- Identify Initiatives
- Proactively Pursue Improvements

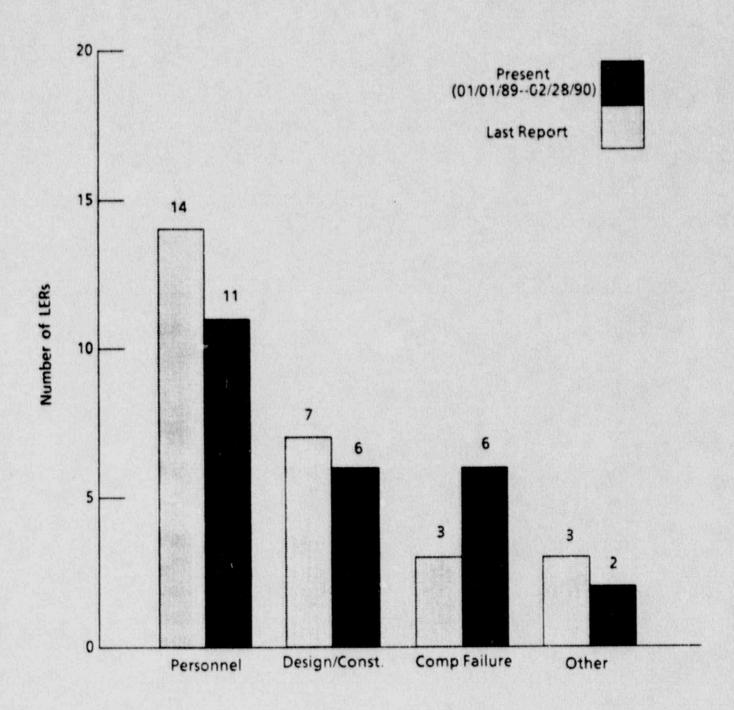
LICENSING STATUS

- LER's
- Violations
- Refueling Outage #5 Submittals
 - Eight (8) Submittals
 - S/G Tube Sleeving
 - F* Criteria Renewal
 - RTD By-Pass Manifold Elimination
- Licensing Basis Document NSAC125
 - License Basis
 - Design Basis
 - Adequate 10CFR50.59 Evaluations

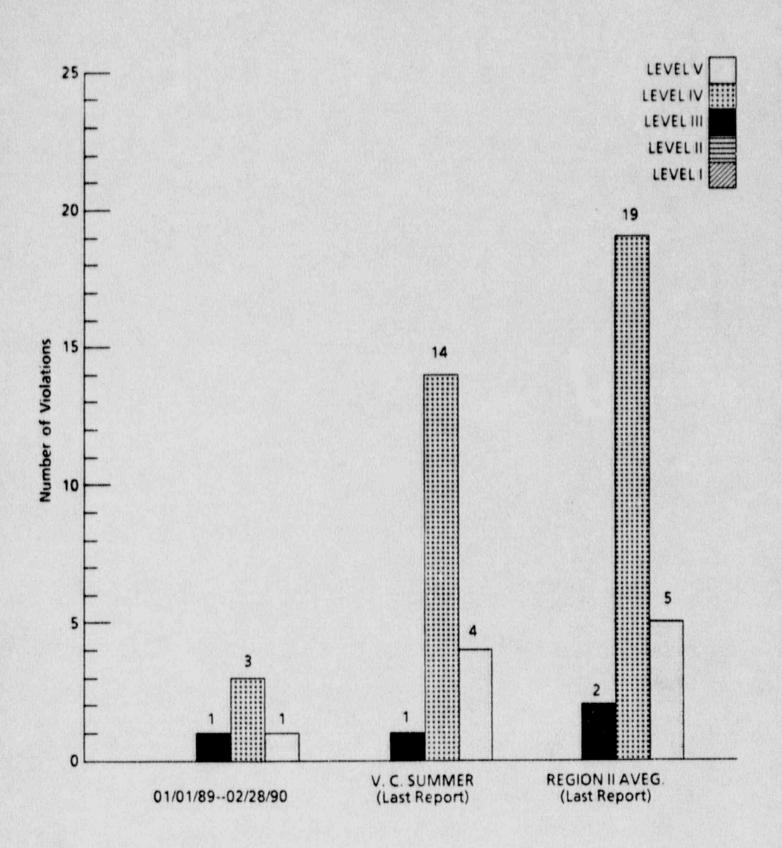
LER COMPARISON



V. C. SUMMER LERS



VIOLATIONS SUMMARY



STAFFING INITIATIVES

Quality Systems

- Four (4) QA Engineers
- Improved Technical Expertise
- Quality-Based Technical Support
- Performance Based Auditing Support
- Schedule 4/90

Nuclear Licensing

- Three (3) Licensing Engineers
- Improved Technical Review of Submittals
- Increased Technical Involvement in Licensing Issues
- Schedule In Progress 12/90

Operating Experiences (OE)

- Two (2) Engineers and Two (2) Specialists
- Further Reduction of OE Backlog
- Improved In-House OE Program
- Trending
- Root Cause Analysis
- Schedule In Progress 12/90

NUCLEAR OPERATIONS DIVISION

SUMMARY

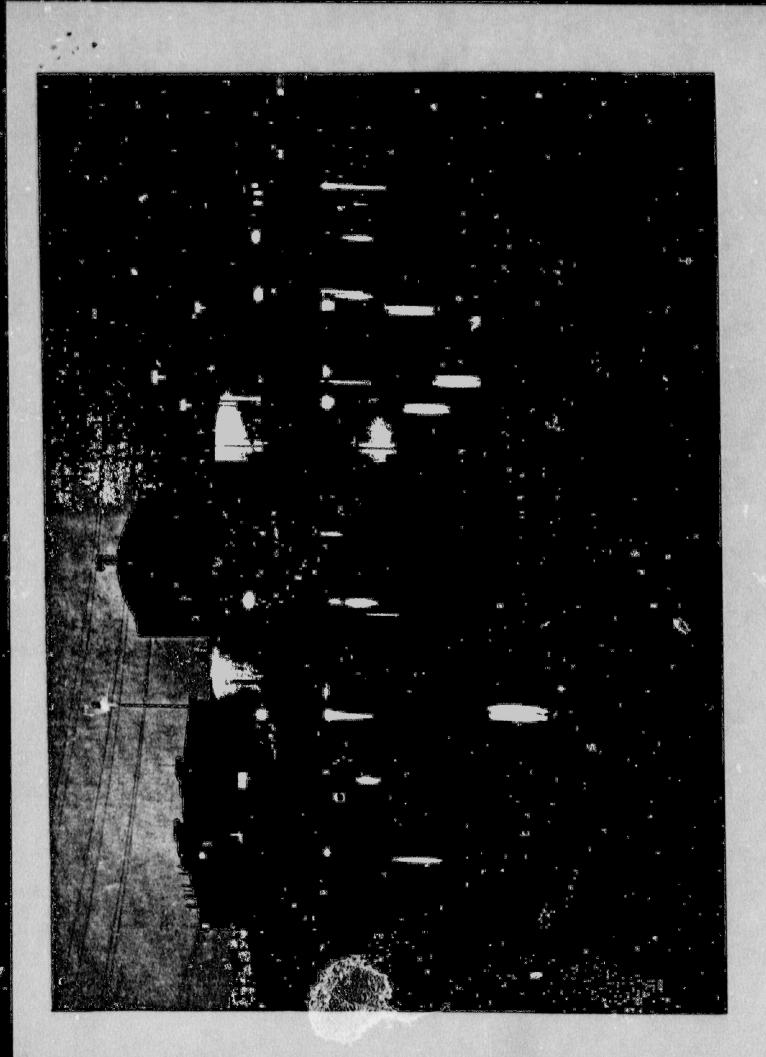
O. S. BRADHAM
VICE PRESIDENT
NUCLEAR OPERATIONS

1990 PLUS INITIATIVES

- IMPLEMENT STRATEGIES FOR ENHANCING EXCELLENCE
- STRENGTHEN OUR MANAGEMENT OVERVIEW
 TRENDING PROGRAM TO ASSURE PRECURSORS
 ARE IDENTIFIED AND ADDRESSED
- STEAM GENERATOR REPLACEMENT CONTEMPLATED FOR MID TO LATE 90's
- UP RATE UNIT TO "STRETCH POWER" OF 2,910
 MWT AND 990 MWE DURING OR AFTER STEAM
 GENERATOR REPLACEMENT
- CONDENSER UPGRADE AND REPLACEMENT PLANNED FOR EARLY 90's

CONCLUSIONS

- INITIATIVES PRODUCING POSITIVE BENEFITS
- CONTINUE AGGRESSIVE APPROACH TO PROBLEM-SOLVING
- CORPORATE MANAGEMENT ATTENTION AND SUPPORT VERY GOOD
- COMMITTED TO ACHIEVING EXCELLENCE
- COMMITTED TO ENSURING REACTOR SAFETY



SOUTH CAROLINA ELECTRIC & GAS COMPANY





A SUMMER TRADITION!



0 S BRADHAM VICE PRESIDENT NUCLEAR OPERATIONS

NUCLEAR OPERATIONS DIVISION



J L SKOLDS GENERAL MANAGER NUCLEAR PLANT OPERATIONS



M D QUINTON GENERAL MANAGER STATION SUPPORT

ONUCLEAR PROTECTION

OCHEMISTRY & HEALTH

•NUCLEAR OPERATIONS

EDUCATION & TRAINING

•NUCLEAR TECHNICAL

EDUCATION & TRAINING

SERVICES

PHYSICS

- •OPERATIONS
- •SCHEDULING & MODIFICATIONS
- •MAINTENANCE SERVICES

G G SOULT GENERAL MANAGER

OPERATIONS & MAINTENANCE



M B WILLIAMS
GENERAL MANAGER
ADMINISTRATIVE & SUPPORT SERVICES

- ADMINISTRATION
- •FACILITIES
- · BUDGET & COST CONTROL
- OPROJECT CONTROLS



D R MOORE GENERAL MANAGER ENGINEERING SERVICES

- ODESIGN ENGINEERING
- MATERIALS & PROCUREMENT
- •SYSTEMS & PERFORMANCE ENGINEERING
- OCORE ENGINEERING & NUCLEAR COMPUTER SERVICES

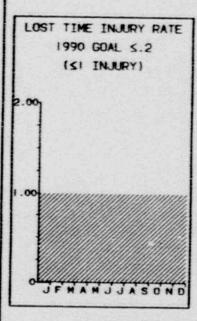


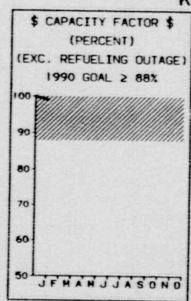
K W NETTLES GENERAL MANAGER NUCLEAR SAFETY

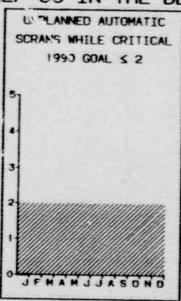
- . TECHNICAL OVERSITE
- OUALITY SYSTEMS
- CORPORATE HEALTH PHYSICS • ENVIRONMENTAL PROGRAMS
- MUCLEAR LICENSING

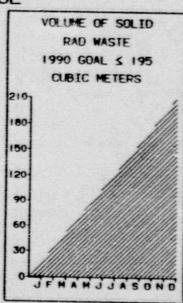
V. C. SUMMER NUCLEAR STATION PERFORMANCE FACTORS AND GOALS

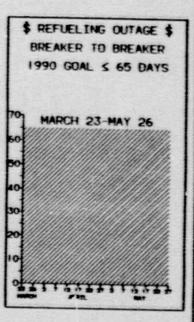
KEEP US IN THE BLUE

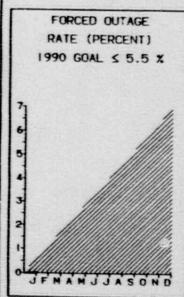


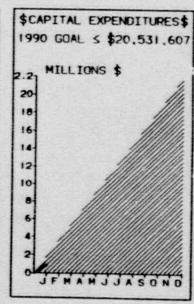


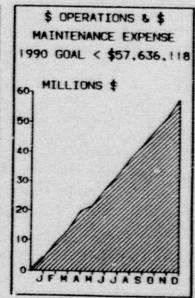


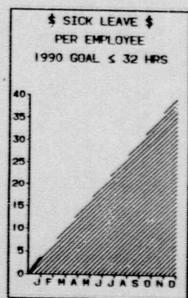


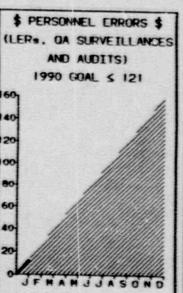












\$ SIGN INDICATES AN INCENTIVE BONUS GOAL-