

Docket



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

December 2, 1988

Docket No. 50-499

LICENSEE: Houston Lighting & Power Company (HL&P)
FACILITY: South Texas Project, Unit 2 (STP-2)
SUBJECT: MEETING BETWEEN HL&P MANAGEMENT AND NRC MANAGEMENT
TO DISCUSS READINESS OF STP-2 FOR RECEIPT OF
A LOW POWER LICENSE

The subject meeting was held on November 29, 1988. A list of attendees is shown in Enclosure 1. Enclosure 2 is a copy of HL&P's presentation.

HL&P presented a general overview of its performance to date and indicated that lessons learned on Unit 1 had been applied to Unit 2. Progress toward plant completion is slightly ahead of the previous schedule. Unit 2 has fewer items left to do than Unit 1 had at the same period before licensing. The projected fuel load date has changed from the week of December 19 to December 16, 1988.

STP-2 will have a five shift rotation with 5 licensed operators per shift (2 SRO's and 3 RO's). The present start up schedule includes initial criticality on February 2, 1989 and a projected full power date as early as March 1, 1989. HL&P will conduct a 50% assessment on STP-2, as was done on STP-1.

STP-2 will incorporate changes in the BMI thimble guide tubes in an effort to reduce the wear seen during STP-1 operations. Stiffer tubes will be installed. No flow limiting devices will be used. Isolation valves and magnetic full check valves will also be installed.

In discussions regarding nonconforming materials (NRC Bulletin 88-05), HL&P indicated that they had identified all suspect components and had performed

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both field and laboratory tests to prove serviceability. Those items not meeting the staff's criteria will be accepted by the staff as "alternate to code". The State of Texas will accept them as meeting code.

HL&P noted that a letter is in preparation which informs the staff of the new fuel load date and that STP-2 is ready for licensing.

JS/

George F. Dick, Jr., Project Manager
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc w/enclosures:
See next page

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Docket File

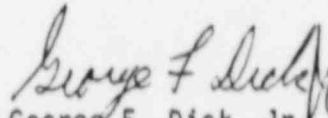
NRC PDR
Local PDR
PD4 Reading
J. Calvo
G. Dick
OGC-Rockville
E. Jordan
B. Grimes
C. Abbate
E. Holler, RIV
J. Sniezek
D. Crutchfield
G. Holahan
L. Rubenstein
ACRS (10)
T. Martin (Region IV)
PD4 Plant File

JS/
PD4/PM
GDick:sr
12/04/88

PD4/D *rac*
JCalvo
12/1/88

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Enclosures:
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- 2 -

South Texas Project

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Enclosure 1

Attendance

HL&P/NRC Management Meeting

November 29, 1988

Name

Organization

J. Calvo	NRC
G. Dick	NRC
C. Abbate	NRC
E. Holler	NRC
M. McBurnett	HL&P
D. Crutchfield	NRC
L. Rubenstein	NRC
J. Sniezek	NRC
T. Murley	NRC
G. Holahan	NRC
A. Gutterman	Newman & Holtzinger
J. Bailey	HL&P
G. Parkey	HL&P
S. Rosen	HL&P
J. Westermeier	HL&P
J. Geiger	HL&P
G. Vaughn	HL&P
J. Goldberg	HL&P



UNIT 2

OPERATIONAL READINESS MEETING

NOVEMBER 29, 1988

**SOUTH TEXAS
PROJECT**

AGENDA

HOUSTON LIGHTING & POWER COMPANY

NOVEMBER 29, 1988

- | | | |
|------|--------------------------------|------------------|
| I. | INTRODUCTION | J.H. GOLDBERG |
| II. | CONSTRUCTION COMPLETION STATUS | J.T. WESTERMEIER |
| III. | OPERATIONS OVERVIEW | G.E. VAUGHN |
| IV. | UNIT 2 READINESS | G.L. PARKEY |
| V. | REMAINING LICENSING ISSUES | J.N. BAILEY |
| VI. | NUCLEAR ASSURANCE | J.E. GEIGER |
| VII. | CONCLUSION | J.H. GOLDBERG |

UNIT 1 PERFORMANCE

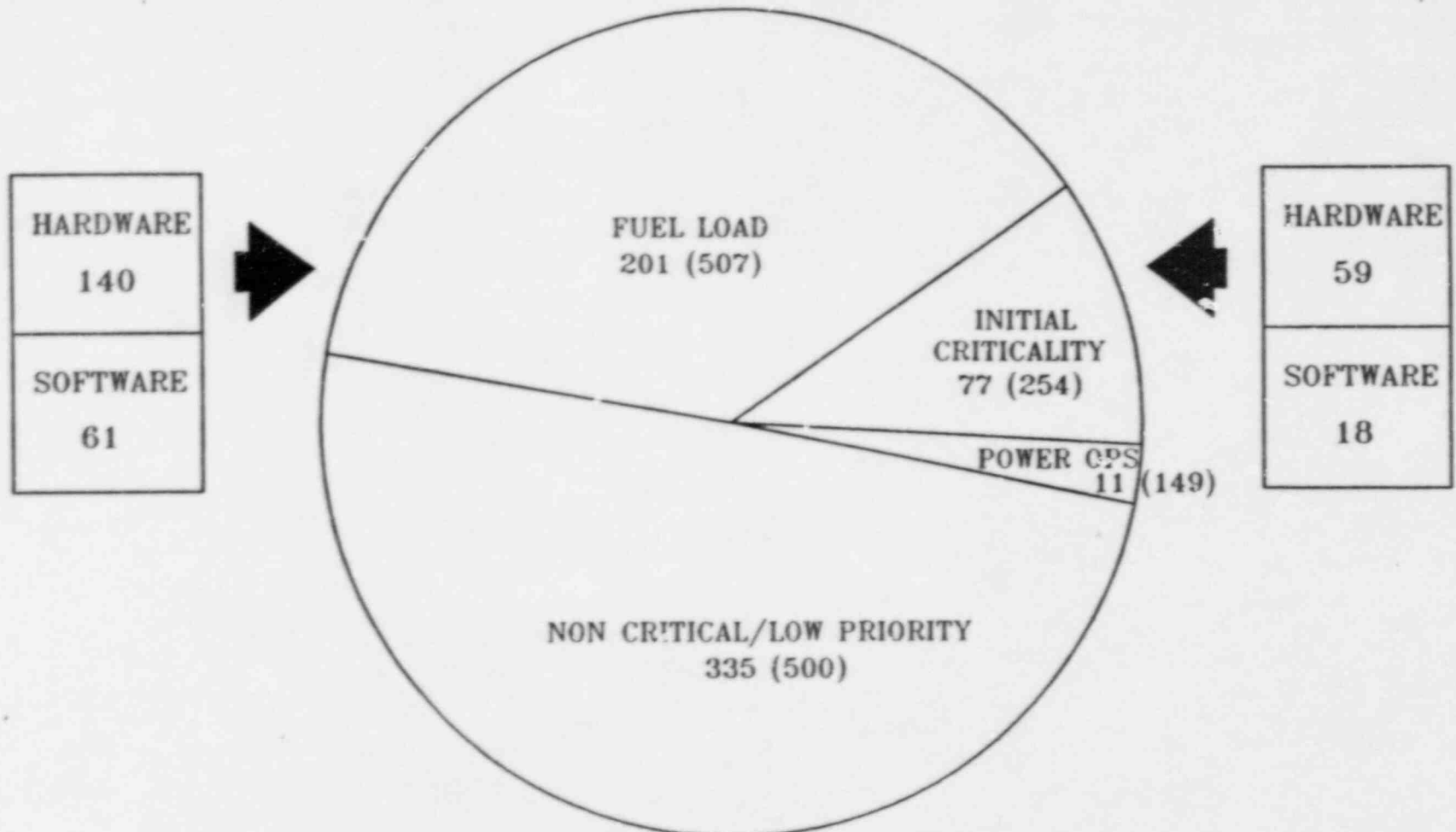
- o PLANT PERFORMANCE
- o MILESTONES
 - o RECEIVED LOW POWER OPERATING LICENSE - AUGUST 21, 1987
 - o INITIAL CRITICALITY - MARCH 8, 1988
 - o RECEIVED FULL POWER OPERATING LICENSE - MARCH 22, 1988
 - o DECLARED UNIT READY FOR COMMERCIAL SERVICE - AUGUST 25, 1988
- o PEOPLE PERFORMANCE

UNIT 2 MILESTONE SUMMARY

<u>MILESTONE</u>	<u>SCHEDULE</u>	<u>ACTUAL</u>
SECONDARY HYDRO	1/88	1/18/88
PRIMARY HYDRO	2/88	2/15/88
TURBINE ON GEAR	5/88	5/13/88
START HFT	7/88	7/7/88
FUEL RECEIPT	9/88	9/1/88
ILRT/SIT	9/88	9/23/88
START ESFAS TEST	10/88	10/3/88
UNIT LOCKDOWN	11/88	10/30/88
FUEL LOAD	12/88	12/16/88 FORECAST

MASTER COMPLETION LIST ITEMS

DATA DATE: 11/28/88



TOTAL ITEMS - 624 (1410)*

* () INDICATES UNIT 1 NUMBERS AT 3 WEEKS (6/10/87) BEFORE FORECAST FUEL LOAD (6/30/87)

UNIT 1 OPERATING EXPERIENCE

- o SUCCESSFUL STARTUP TEST PROGRAM
- o FOUR REACTOR TRIPS SINCE CRITICALITY
- o SUCCESSFULLY COMPLETED TWO MINI OUTAGES
- o YEAR TO DATE CAPACITY FACTOR - 70%

UNIT 2 OPERATOR STAFFING

- o FIVE SHIFT ROTATION
- o STP COMMERCIAL OPERATIONS EXPERIENCE ON EACH SHIFT
- o SHIFT COMPOSITION
 - 1 SHIFT SUPERVISOR (SRO)
 - 1 UNIT SUPERVISOR (SRO)
 - 3 REACTOR OPERATORS (RO)
 - 5 LICENSED INDIVIDUALS
- o TOTAL STP LICENSES - 83
 - UNIT 1 - 25
 - UNIT 2 - 27
 - SUPPORT - 31

TRAINING

- o INPO ACCREDITATION SCHEDULED FOR JULY 1989
SUBMITTAL OF ASER'S

- o COLLEGE DEGREE PROGRAM IMPLEMENTED
SEPTEMBER 1, 1988

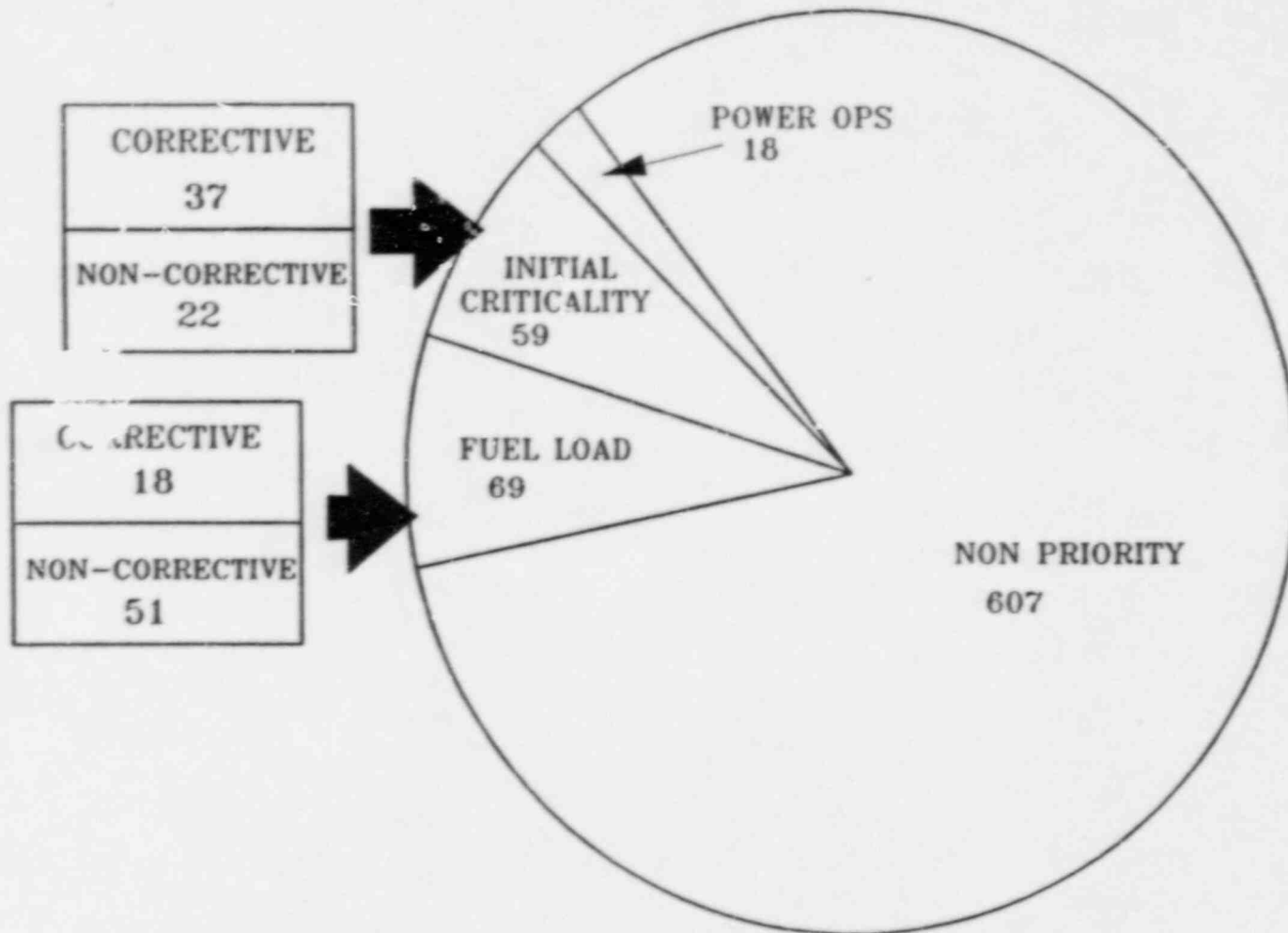
- o SPECIAL TRAINING
 - CONDUCT OF OPERATIONS
 - SENIOR NUCLEAR MANAGER COURSE

UNIT 2 PROGRAMS AND PROCEDURES

- o UNIT 2 PROCEDURES BASED ON UNIT 1
- o WORK CONTROL CENTER INCLUDES UNIT 2 ACTIVITIES
- o MAINTENANCE PROGRAM
 - SELF ASSESSMENT
 - MANAGEABLE BACKLOG
- o NRC OPERATIONAL READINESS REVIEW - SOME ITEMS TO CORRECT PRIOR TO CRITICALITY
- o PLANT CONFIGURATION CONTROL - PROGRAM ESTABLISHED BASED ON UNIT 1 LESSONS LEARNED
- o SECURITY PROGRAM OPERATIONAL
- o SURVEILLANCE TESTING - UNIT 1 EXPERIENCE ADDRESSED IN UNIT 2 PROGRAM

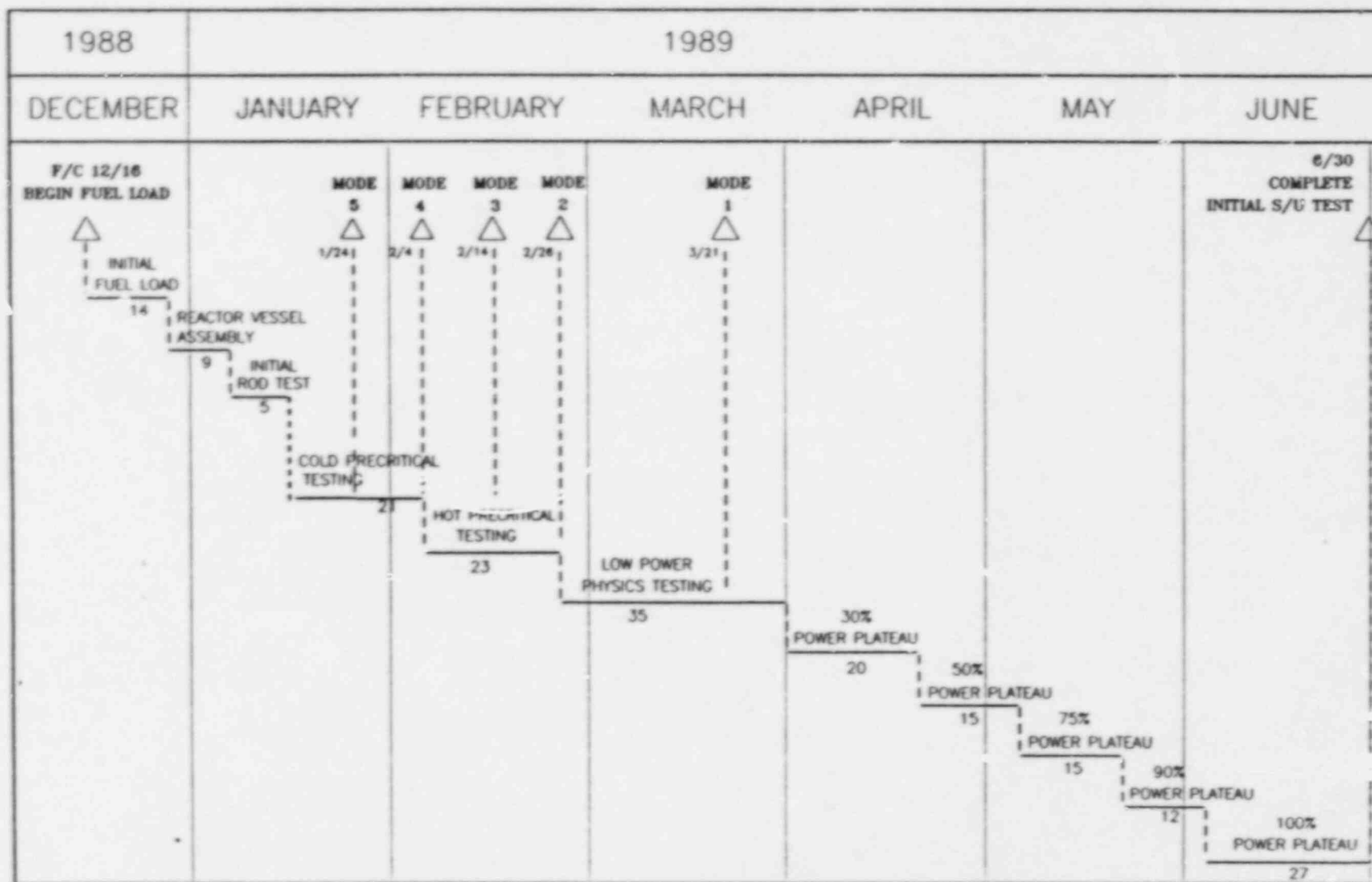
UNIT 2 OPEN MAINTENANCE WORK ITEMS

DATA DATE: 11/26/88



TOTAL ITEMS - 753

SOUTH TEXAS PROJECT UNIT 2 POST FUEL LOAD SUMMARY SCHEDULE



LICENSING ISSUES

- o PRESSURIZER SURGE LINE STRATIFICATION
 - CONFIRMED 40 YEAR LIFE FOR LINE, INCLUDING LBB

- o BULLETIN 88-05, FALSIFIED MATERIAL CERTIFICATIONS
 - CONFIRMED ACCEPTABILITY OF STP MATERIAL

- o BULLETIN 88-10 MOLDED CASE BREAKERS
 - REVIEW IN PROCESS

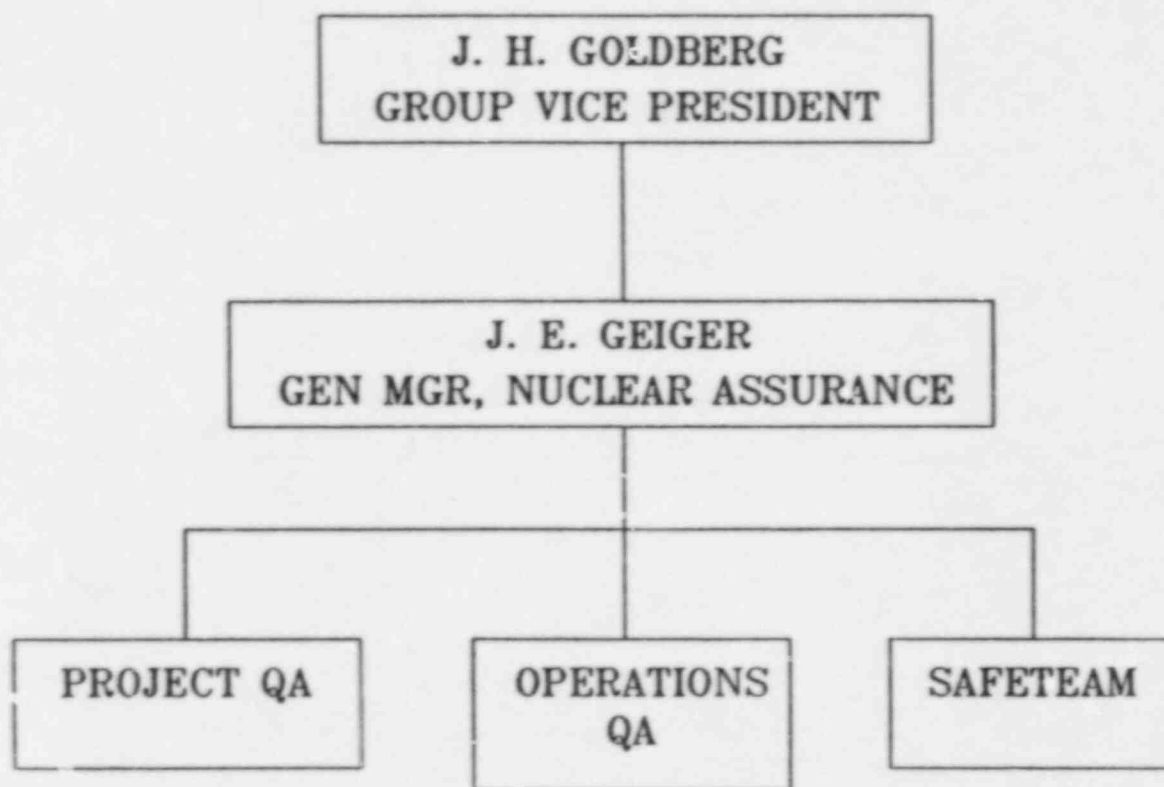
- o RCCA SWELLING AT WOLF CREEK
 - STP EVALUATING

- o NEW DECOMMISSIONING RULE

- o FOUR VIOLATION RESPONSES AWAITING NRC CLOSURE

- o NINE 10CFR50.55(e) ITEMS AWAITING NRC CLOSURE

NUCLEAR ASSURANCE DEPARTMENT



NUCLEAR ASSURANCE

o PROJECT QA STAFF

- MONITORING CONSTRUCTION COMPLETION
- WORKING WITH CONSTRUCTION, ENGINEERING, ETC., TO ASSURE SMOOTH TRANSITION FROM PQAP TO OQAP
- PARTICIPATE IN PLANT COMPLETION VERIFICATION PROGRAM (PCVP)

o OPERATIONS QA STAFF

- PREREQUISITE AND PREOPERATIONAL TESTING
- WORKING WITH OPERATIONS, ENGINEERING, ETC., TO ASSURE SMOOTH TRANSITION FROM PQAP TO OQAP
- PARTICIPATE IN PCVP

NUCLEAR ASSURANCE

o SAFETEAM	<u>NOV. 1988</u>	<u>MAY 1987</u>
TOTAL CONTACTS	38,218	28,030
CLASS I CONCERNS RECEIVED	1,176	934
CLASS I CONCERNS CLOSED	1,168	876
CLASS I CONCERNS SUBSTANTIATED	215	195
PRELIMINARY CONCERN REVIEW PROGRAM	8	58

NUCLEAR ASSURANCE

LITIGATION STATUS

- o CITIZENS CONCERNED ABOUT NUCLEAR POWER (CCANP)
- o GOVERNMENT ACCOUNTABILITY PROJECT (GAP)