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50-424/425-OLA-3

TROUTMAN SANDERS
ATTORNEYS AT LAW
A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

DOCKETED
USNRC

NATIONSBANK PLAZA
600 PEACHTREE STREET, N.E. SUITE 5200
ATLANTA, GEORGIA 30308-2216
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JOHN LAMBERSKI

'95 FEB 10 AM 11:17

February 9, 1995

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH
DIRECT 404-885-3360

VIA FEDERAL EXPRESS

Administrative Law Judge Peter B. Bloch, Chairman
Administrative Law Judge James H. Carpenter
Administrative Law Judge Thomas D. Murphy
Atomic Safety and Licensing Board (Georgia Power)
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

RE: Vogtle Electric Generating Plant, Units 1 and 2 License Amendment (Transfer to Southern Nuclear) ASLBP No. 93-671-01-OLA-3

Dear Sirs:

By letter dated January 23, 1995 from David Lewis, Georgia Power provided the Board with copies of minutes of meetings of the Nuclear Operations Overview Committee of the Georgia Power Board of Directors for the period March 1988 through January 1991. Although we had given the other parties an opportunity to state any objections prior to sending our January 23 letter, no objections were provided at that time. Thereafter, Intervenor requested that Georgia Power provide him with copies of the minutes for meetings which occurred after January 1991. On February 1, 1995, Georgia Power voluntarily provided Intervenor and the NRC Staff with copies of those meeting minutes. Today, Intervenor requested that Georgia Power provide copies of those minutes to the Board, to which the NRC Staff has no objection. Therefore, enclosed herewith are copies of minutes of the Nuclear Operations Overview Committee meetings for the period following the January 1991 meeting through calendar year 1994. The minutes have been redacted to delete confidential INPO evaluation ratings.

Also enclosed is a copy of the errata sheet for the deposition of Warren Jobe taken by Intervenor on June 9, 1994. This errata sheet was inadvertently omitted from the package of deposition and trial transcript excerpts assembled by Georgia Power for the parties and provided to the Board by letter dated January 25, 1995 from David Lewis.

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PDR ADOCK 05000424
G PDR

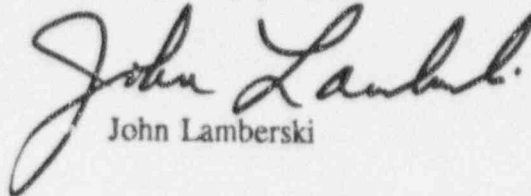
DSO3

February 9, 1995

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Three copies of the documents described above are being provided to the Office of the Secretary.

Very truly yours,


John Lamberski

JL:svg

Enclosures

cc: Service List w/o Enclosures

RE THE DEPOSITION OF Warren Jobe TAKEN ON
(deponent's name)
June 9, 1994,
(date)

IN THE MATTER OF

(party) VS. _____
(party)

DOCKET NO. 50-424-OLA-3
50-425-OLA-3

IN _____
(name of court)

PAGE NO.	LINE NO.	CORRECTION
5	5	change "Company" to "Capital"
5	13	change "Company" to "Capital"
6	2	change "Company" to "Capital" (2 times)
7	20	change "Could" to "Would"
8	22	delete "on"
9	1	delete "comma" after reviews
9	1	change "all" to "of"
10	6	change "off" to "of"
15	4	change "firmural" to "functional"
16	9	change "Company" to "Capital"
16	21	change "Rich pershing" to "Rick pershing"
17	1	change "preshon" to "pershing"
20	10	change "Sherrar" to "Scherer"
20	15	change "Sherrar" to "Scherer"

PAGE NO.	LINE NO.	CORRECTION
22	6	Change "Credited" to "Captured"
28	21	Change "form" to "forum"
31	20	Change "Company" to "Capital"
33	22	Comment: the reference to "Mr. Jobe" does not make sense
34	22 3	" " " " " "
35	22	Change "that" to "the"
38	12	Change "reconstruction" to "Construction"
38	22	add the word "the"
38	22	Change "Corporation" to "Company"
39	3	Change "Corporation" to "Company"
39	5	Change "reconstruction" to "Construction"
39	6	Delete "it has been said"
42	7	Change "Company" to "Capital"
42	8	Change "Corporation" to "Company"
42	9	Change "Company" to "Capital"
43	18	Change "M." to "McDonald"
44	13	Comment: The reference to "Mr. Jobe" does not make sense
44	16	" " " " " "
45	1	" " " " " "
45	6	" " " " " "

AUTHENTICATION BY SIGNATURE

I, the undersigned, do hereby certify by my signature hereunder that I have read the foregoing deposition of testimony given by me on June 9, 1994, and find said transcription to be a true and accurate record, as corrected.

As corrected except for references in Mr. Kohn's questions at:

page 33, line 22

page 44, line 13

page 44, line 16

page 45, line 1

page 45, line 6

and my response at page 34, line 3.

Warren Y. Jobe
Warren Jobe

Sworn to and subscribed before me this 3rd day
of January, 1995.

Joan C. Lutz
Notary Public

My commission expires 6-7-98.

NUCLEAR OPERATIONS OVERVIEW COMMITTEE

*** AGENDA ***

TUESDAY, JULY 30, 1991

Georgia Power Company

Plant Hatch

Baxley, Georgia

10:00 a.m.

- | | | |
|------------|-----------------------------------|----------------------------------|
| 10:00 a.m. | Opening Remarks | H.G. (Pat) Pattillo,
Chairman |
| 10:10 a.m. | Operational Status - Plant Vogtle | W.B. (Bill) Shipman |
| 10:15 a.m. | Operational Status - Plant Hatch | J.T. (Tom) Beckham, Jr. |
| 10:20 a.m. | Plant Vogtle Briefing | W.B. (Bill) Shipman |
| | - Vogtle INPO Evaluation | |
| | - Vogtle Open NRC Items | |
| | - Plant Performance Year-to-Date | |
| | - Major Problem Status Report | |
| 11:05 a.m. | Plant Hatch Briefing | J.T. (Tom) Beckham, Jr. |
| | -Hatch NRC Salp Report | |
| | -Plant Performance Year-to-Date | |
| | -Major Problem Status Report | |
| 11:45 a.m. | General Discussion | |
| 12:00 noon | Lunch | |
| 12:30 p.m. | Plant Tour | |
| 2:00 p.m. | Depart Plant Hatch | |

SUMMARY OF
NUCLEAR OPERATIONS OVERVIEW COMMITTEE MEETING
JULY 30, 1991

1. The Committee met at Plant Hatch on Tuesday, July 30, 1991. Bill Fickling, Lam Hardman, Bill Parker, Bob Strickland and I attended.
2. Bill Dahlberg, Joe Farley (Chief Executive Officer and Chairman of the Board, Southern Nuclear Operating Company), Pat McDonald and George Hairston also attended. Judy Anderson acted as Secretary.
3. Major items discussed included:
 - A. Operational Status Reports for Plants Hatch and Vogtle (all four units are operating at 100% power).
 - B. 1991 Organizational Performance for Plant Vogtle as follows:
 1. Results of the Institute of Nuclear Power Operations (INPO) evaluation of Plant Vogtle. Under the evaluation program, INPO rates a plant on a scale of 1 to 5 with 1 being the best. Plant Vogtle received a rating of 4.
 2. 1991 Plant Vogtle Nuclear Regulatory Commission activities as follows:
 - . Licensee Event Reports (LERs)

	<u>Unit 1</u>	<u>Unit 2</u>
1991 Total	10	8
- Personnel	2	1
- Equipment	4	6
- Procedures	3	1
- Natural Cause	1	0
 - . NRC Violations (Current SALP Period 09/90 - 09/91)
 - Level II = 1 (\$40,000 Fine)
 - Level III = 1
 - Level IV = 11
 - Level V = 0
 - . NRC Team Inspections
 - Maintenance Team Inspection
 - . Open NRC Items
 - Pending Enforcement Conferences
 3. 1991 Organizational Goal Performance. As of June 30, 1991, Plant Vogtle was rated 4.10, on a scale of 1 to 5 with 5 being the highest.

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4. Major Problem Status Report on Plant Vogtle. Major problem areas and actions to be taken in response thereto included:

- (1) Inadequate Procedure Compliance
- (2) Industrial Safety Work Practices
- (3) 4160/480 Volt GE Transformer Failures
- (4) Turbine Electrohydraulic Control (EHC) System
- (5) Missed Technical Specification Surveillances
- (6) Teamwork and Communications Not Optimum
- (7) Post Accident Sampling System Reliability
- (8) Preventive Maintenance Program
- (9) Plant Personnel Distracted By Investigations, Lawsuits and Media Attention
- (10) Diesel Generator Reliability

- C. 1991 Organizational Performance for Plant Hatch as follows:

1. Results of the NRC's Systematic Assessment of Licensee Performance (SALP) rating for Plant Hatch dated March 2, 1991. The performance categories were:

Category 1 - Reduced NRC attention may be appropriate.

Category 2 - NRC attention should be maintained at normal levels.

Category 3 - Both NRC and licensee attention should be increased above normal levels.

The overall rating for Plant Hatch was 1.57.

2. 1991 Organizational Goal Performance. As of June 30, 1991, Plant Hatch was rated 4.22, on a scale of 1 to 5 with 5 being the highest.

3. Major Problem Status Report on Plant Hatch. Major problem areas and actions to be taken in response thereto included:

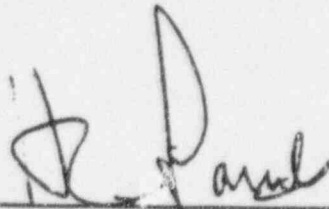
- (1) Radiation Protection Issues
- (2) Safety Relief Valve (SRV) Setpoint Drift
- (3) Reactor Pressure Vessel Internals Protection
- (4) Motor Operated Valve (MOV) Testing
- (5) Reactor Vessel Level Control Systems
- (6) Missed Surveillances

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- (7) Number of Unplanned Reactor Scrams
- (8) Piping Erosion/Corrosion in BOP Equipment
- (9) BWR Thermal-Hydraulic Stability
- (10) Total Site Staffing

- 4. The meeting included a tour of various areas of Plant Hatch.
- 5. I move that the Board receive and approve this report.

A handwritten signature in dark ink, appearing to read 'H. G. Pattillo', is written over a horizontal line.

H. G. Pattillo, Chairman

GEORGIA POWER COMPANY
MINUTES OF THE MEETING OF THE
NUCLEAR OPERATIONS OVERVIEW COMMITTEE
OF THE BOARD OF DIRECTORS
JULY 30, 1991

1. Call to Order and Attendees:

The twenty-third meeting of the Nuclear Operations Overview Committee was called to order at 11:00 a.m. on Tuesday, July 30, 1991, at Plant Edwin I. Hatch, Baxley, Georgia. Mr. H. G. Pattillo (Chairman) presided, and Ms. Judy M. Anderson (Vice President and Corporate Secretary) acted as Secretary.

Committee members are Messrs. H. G. Pattillo (Chairman), W. A. Fickling, Jr., L. G. Hardman, III, W. A. Parker, Jr., and Robert Strickland; and all were present.

Others from Georgia Power Company and The Southern Company attending the meeting were as follows: A. W. Dahlberg (President and Chief Executive Officer); J. M. Farley (Chief Executive Officer and Chairman of the Board, Southern Nuclear Operating Company); R. P. McDonald (Executive Vice President); W. G. Hairston, III (Senior Vice President); J. T. Beckham, Jr. (Vice President); D. S. Read (Assistant General Manager-Plant Hatch); W. B. Shipman (General Manager-Plant Vogtle); H. L. Sumner, Jr. (General Manager-Plant Hatch); and C. L. Conway (Senior Financial Analyst).

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2. Agenda Items and Discussions:

Chairman Pattillo conducted the meeting in accordance with the agenda. Questions were raised and discussions were held during and after each presentation.

The Operational Status reports for Plants Hatch and Vogtle were reviewed. Mr. Shipman reported that both units at Plant Vogtle are operating at 100% power. Mr. Beckham reported that both units at Plant Hatch are also operating at 100% power.

Chairman Pattillo called on Mr. Shipman to provide a briefing on Plant Vogtle. Mr. Shipman reviewed the 1991 Organizational Performance for Plant Vogtle. He discussed the Institute of Nuclear Power Operations (INPO) evaluation of Plant Vogtle. He explained that, in its evaluation program, INPO rates a plant on a scale of 1 to 5 with 1 being the best. Plant Vogtle received a rating of 4.

Mr. Shipman then reviewed the 1991 Plant Vogtle Nuclear Regulatory Commission activities as follows:

. Licensee Event Reports (LERs)

	<u>Unit 1</u>	<u>Unit 2</u>
1991 Total	10	8
- Personnel	2	1
- Equipment	4	6
- Procedures	3	1
- Natural Cause	1	0

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- . NRC Violations (Current SALP Period 09/90 - 09/91)
 - Level II = 1 (\$40,000 Fine)
 - Level III = 1
 - Level IV = 11
 - Level V = 0
- . NRC Team Inspections
 - Maintenance Team Inspection
- . Open NRC Items
 - Pending Enforcement Conferences

Mr. Shipman continued his review of the 1991 Organizational Performance by reviewing the following:

<u>GOAL</u>	<u>GOAL ACHIEVEMENT - VOGTLE PROJECT</u>		
	Level 5 <u>Highest Rating</u> (Yearend)	Current <u>Level Actuals</u> (YTD June)	Goal <u>Rating</u> (YTD June)
Nuclear Safety (INPD Rating)	1	●	●
Regulatory Compliance (SALP)	≤ 1.43	2.14	1
Plant Reliability	85.3%	92.31%	5
Reactor Trips	≤ 2	3	3
Industrial Safety	0 Lost Time Injuries ≤ 21 Medical Attention	0 15	2
Radiation Exposure	< 460 MANREMS	18.84 MREMS	5
Cost Per KWH	≤ 8.96 MILLS/KWH	\$5.88 MILLS/KWH	5
Capital Costs	3% Under Budget	\$6,019,000 13.61% Under	5
Plant Efficiency	Average of 10,136 BTU/KWH	10,120 BTU/KWH	5
Goal Rating as of June 30			4.10

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Mr. Shipman then discussed the Major Problem Status Report for Plant Vogtle. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Inadequate Procedure Compliance
2. Industrial Safety Work Practices
3. 4160/480 Volt GE Transformer Failures
4. Turbine Electrohydraulic Control (EHC) System
5. Missed Technical Specification Surveillances
6. Teamwork and Communications Not Optimum
7. Post Accident Sampling System Reliability
8. Preventive Maintenance Program
9. Plant Personnel Distracted By Investigations, Lawsuits and Media Attention
10. Diesel Generator Reliability

Chairman Pattillo called on Mr. Beckham to provide a briefing on Plant Hatch. Mr. Beckham reviewed the Nuclear Regulatory Commission's Systematic Assessment of Licensee Performance (SALP) ratings of Plant Hatch dated March 2, 1991. The performance categories are:

Category 1 - Licensee management attention and involvement are readily evident and place emphasis on superior performance of nuclear safety or safeguards activities with the resulting performance substantially exceeding regulatory requirements. Reduced Nuclear Regulatory Commission attention may be appropriate.

Category 2 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are good. The licensee has attained a level of performance above that needed to meet regulatory requirements. NRC attention should be maintained at normal levels.

Category 3 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are not sufficient. The licensee's performance does not significantly exceed that needed to meet minimal regulatory requirements. Both NRC and licensee attention should be increased above normal levels.

The overall rating for Plant Hatch was 1.57. Seven areas were evaluated and classified into one of the aforementioned performance categories. The ratings were as follows:

<u>Functional Area</u>	<u>Category</u>
Plant Operations	1*
Radiological Controls	2**
Maintenance/Surveillance	2
Emergency Preparedness	1
Security/Safeguards	2
Engineering/Technical Support	2
Safety Assessment/Quality Verification	1

*Declining

**Improving

Mr. Beckham continued his review of the 1991 Organizational Performance by reviewing the following:

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<u>GOAL</u>	<u>GOAL ACHIEVEMENT - HATCH PROJECT</u>		
	Level 5 Highest Rating (Yearend)	Current Level Actuals (YTD June)	Goal Rating (YTD June)
Nuclear Safety (INPO Rating)	1	●	●
Regulatory Compliance (SALP)	≤ 1.43	1.57	4.5
Plant Reliability	75.7%	70.16%	4.6
Reactor Trips	≤ 2	5	2
Industrial Safety	0 Lost Time Injuries ≤ 20 Medical Attention	2 11	2
Radiation Exposure	< 1225 MANREMS	588.85 MREMS	5
Cost Per KWH	≤ 17.74 MILLS/KWH	\$16.06 MILLS/KWH	5
Capital Costs	3% Under Budget	\$28,763,000 17.72% Under	5
Plant Efficiency	Average of 10,550 BTU/KWH	10,591 BTU/KWH	3.4
Goal Rating as of June 30			4.22

Mr. Beckham then discussed the Major Problem Status Report for Plant Hatch. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Radiation Protection Issues
2. Safety Relief Valve (SRV) Setpoint Drift
3. Reactor Pressure Vessel Internals Protection
4. Motor Operated Valve (MOV) Testing
5. Reactor Vessel Level Control Systems
6. Missed Surveillances
7. Number of Unplanned Reactor Scrams
8. Piping Erosion/Corrosion in BOP Equipment

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9. BWR Thermal-Hydraulic Stability
10. Total Site Staffing

The Committee members commended Plants Hatch and Vogtle management on their achievements.

3. Plant Tour:

Following presentation of the agenda items and discussions, the Committee toured various areas of Plant Hatch. The meeting adjourned after the tour at approximately 2:15 p.m.

4. Secretary's Statement:

The foregoing is an accurate account of the meeting of the Nuclear Operations Overview Committee held at Plant Edwin I. Hatch, Baxley, Georgia, on Tuesday, July 30, 1991.

Judy M. Anderson

Secretary

Approved:

H. G. Pattillo

H. G. Pattillo, Chairman
Nuclear Operations Overview Committee

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See record/document file or referenced file for the following documents:

007-1991-NOOC-1	Plant Vogtle INPO Evaluation
007-1991-NOOC-2	Plant Vogtle Open NRC Items
007-1991-NOOC-3	Plant Performance Year-to-Date - Plant Vogtle
007-1991-NOOC-4	NRC SALP Report - Plant Hatch
007-1991-NOOC-5	Plant Performance Year-to-Date - Plant Hatch

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GEORGIA POWER COMPANY
MINUTES OF THE MEETING OF THE
NUCLEAR OPERATIONS OVERVIEW COMMITTEE
OF THE BOARD OF DIRECTORS
MARCH 27, 1992

1. Call to Order and Attendees:

The twenty-fourth meeting of the Nuclear Operations Overview Committee was called to order at 10:00 a.m. on Friday, March 27, 1992, at Plant Vogtle, Burke County, Georgia. Mr. H. G. Pattillo (Chairman) presided, and Ms. Judy M. Anderson (Vice President and Corporate Secretary) acted as Secretary.

Committee members are Messrs. H. G. Pattillo (Chairman), W. A. Fickling, Jr., L. G. Hardman, III, W. A. Parker, Jr., and Robert Strickland, and all were present.

Others from Georgia Power Company and Southern Nuclear Operating Company attending the meeting were as follows: A. W. Dahlberg (President and Chief Executive Officer); W. G. Hairston, III (Senior Vice President); C. K. McCoy (Vice President); J. B. Beasley (Assistant General Manager-Plant Operations); W. B. Shipman (General Manager-Plant Vogtle); H. L. Sumner (General Manager-Plant Hatch); and S. M. Carter (Assistant Corporate Secretary). Also attending from Troutman, Sanders, Lockerman & Ashmore were Messrs. M. A. Carlton, Jr., and A. H. Domby.

2. Agenda Items and Discussions:

Chairman Pattillo conducted the meeting in accordance with the agenda. Questions were raised and discussions were held during and after each presentation.

The Operational Status Reports for Plants Hatch and Vogtle were reviewed. Mr. Beasley reported that Plant Vogtle Unit 1 was on line at 100% power and Unit 2 was off line for refueling. He stated that Unit 1 has been operational for 122 continuous days and that, prior to the refueling, Unit 2 had been on line for 306 continuous days (longest record for either unit). Mr. Sumner reported that Plant Hatch Units 1 and 2 were on line at 100% power.

Mr. McCoy reviewed the Nuclear Regulatory Commission's Systematic Assessment of Licensee Performance (SALP) rating of Plant Vogtle dated November 25, 1991. The performance categories are:

Category 1 - Licensee management attention and involvement are readily evident and place emphasis on superior performance of nuclear safety or safeguards activities with the resulting performance substantially exceeding regulatory requirements. Reduced Nuclear Regulatory Commission attention may be appropriate.

Category 2 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are good. The licensee has attained a level of performance above that needed to meet regulatory requirements. NRC attention should be maintained at normal levels.

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Category 3 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are not sufficient. The licensee's performance does not significantly exceed that needed to meet minimal regulatory requirements. Both NRC and licensee attention should be increased above normal levels.

The rating for Plant Vogtle was 1.86.

Mr. McCoy reviewed the February 1992 Year-to-Date Organizational Goal Performance for Plant Vogtle as follows:

<u>GOAL</u>	<u>LEVEL 5 GOAL (YEAREND)</u>	<u>CURRENT PERFORMANCE YTD</u>	<u>GOAL RATING YTD</u>	<u>GOAL WEIGHT</u>
Excellence in Nuclear Power Operations	INPO Rating of 1	● (6/91 Evaluation)	●	25%
Regulatory Compliance	≤ 22 Points Based on NRC Violations	12	1	10%
Plant Reliability	≥ 85.4% Capability Factor	99.9%	5	30%
Unplanned Automatic Reactor Trips	≤ 1 Plant Average	0	5	5%
Industrial Safety	0 Loss Time Injuries ≤ 21 Medical Attn	0 1	5	5%
Radiation Exposure	≤ 383 MAREMS	3.5 MAREMS	5	10%
O & M Costs	≤ 3% Under Budget	35.64% Under	5	8%
Capital Costs	≤ 3% Under Budget	10.64% Over	1	2%
Plant Efficiency	Plant Average of 10,103 BTU/KWH	10,098 BTU/KWH	5	5%

GOAL RATING FOR 1992 YEAR TO DATE = 4.27

Mr. Shipman discussed the Major Problem Status Report for Plant Vogtle. It was explained that the purpose of

developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Inadequate Procedure Compliance
2. Safe Work Practices
3. 4160/480 Volt GE Transformer Failures
4. Motor Operated Valve Adequacy and Testing
5. Missed Tech Spec Surveillances
6. Main Steam Isolation Valves (MSIV)
7. SIGMA Machine Reliability
8. Backlog of Preventive & Corrective Maintenance Program is Too High
9. PERMS Reliability
10. Emergency AC Power Availability

At this time the committee members and Mr. Dahlberg met privately with Messrs. Carlton and Dombey for an attorney/client briefing. Upon conclusion, the other attendees returned.

Mr. Hairston reviewed the Institute of Nuclear Power Operation (INPO) evaluation visit of Plant Hatch for January 13 - 24, 1992. He discussed areas for improvement and good practice. He stated that the final evaluation will be conducted in July 1992.

Mr. Sumner reviewed the February 1992 Year-to-Date Organizational Goal Performance for Plant Hatch as follows:

<u>GOAL</u>	<u>LEVEL 5 GOAL (YEAREND)</u>	<u>CURRENT PERFORMANCE YTD</u>	<u>GOAL RATING YTD</u>	<u>GOAL WEIGHT</u>
Excellence in Nuclear Power Operations	INPO Rating of 1	● (5/90 Evaluation)	●	25%
Regulatory Compliance	≤ 22 Points Based on NRC Violations	3	5	10%
Plant Reliability	≥ 84.4% Capability Factor	92.2%	5	30%
Unplanned Automatic Reactor Trips	≤ 1 Plant Average	0	5	5%
Industrial Safety	0 Loss Time Injuries ≤ 20 Medical Attn	0 1	5	5%
Radiation Exposure	≤ 1,035 MANREMS	39.42 MANREMS	5	10%
O & M Costs	≤ 3% Under Budget	20.31% Under	5	8%
Capital Costs	≤ 3% Under Budget	9.59% Over	1	2%
Plant Efficiency	Plant Average of 10,550 BTU/KWH	10,624 BTU/KWH	1	5%

GOAL RATING FOR 1992 YEAR TO DATE = 4.47

Mr. Sumner discussed the Major Problem Status Report for Plant Hatch. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Reliability and Availability of Engineered Safety Features - HPCI/RCIC
2. Radiation Protection Issues
3. Personnel Safety Performance
4. Safety Relief Valve (SRV) Setpoint Drift
5. Cost Containment

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6. Reactor Pressure Vessel Internals Protection
7. Motor Operated Valve (MOV) Testing
8. Reactor Vessel Level Control Systems
9. Improvement of Heat Rate
 - a. Potential for Increase in Generation
 - b. Cooling Tower Maintenance and Performance
10. BWR Thermal-Hydraulic Stability

The Committee members commended Plants Hatch and Vogtle management on their achievements.

3. Plant Tour:

Following presentation of the agenda items and discussions, the Committee toured various areas of Plant Vogtle.

4. Secretary's Statement:

The foregoing is an accurate account of the meeting of the Nuclear Operations Overview Committee held at Plant Vogtle, Burke County, Georgia, on Friday, March 27, 1992.

There being no further business, the meeting adjourned at approximately 2:00 p.m.

Gudy M. Anderson

Secretary

Approved:

H. G. Pattillo

H. G. Pattillo, Chairman
Nuclear Operations Overview Committee

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GEORGIA POWER COMPANY
MINUTES OF THE MEETING OF THE
NUCLEAR OPERATIONS OVERVIEW COMMITTEE
OF THE BOARD OF DIRECTORS
AUGUST 20, 1992

1. Call to Order and Attendees:

The twenty-fifth meeting of the Nuclear Operations Overview Committee was called to order at 11:30 a.m. on Thursday, August 20, 1992, at Plant Edwin I. Hatch, Baxley, Georgia. Mr. H. G. Pattillo (Chairman) presided, and Ms. Judy M. Anderson (Vice President and Corporate Secretary) acted as Secretary.

Committee members are Messrs. H. G. Pattillo (Chairman), W. A. Fickling, Jr., L. G. Hardman, III, W. A. Parker, Jr., and Robert Strickland; and all were present, except Mr. Hardman who participated via telephone.

Others attending the meeting were as follows: E. L. Addison (President and Chief Executive Officer, The Southern Company); A. W. Dahlberg (President and Chief Executive Officer); R. P. McDonald (Executive Vice President); W. G. Hairston, III (Senior Vice President); J. T. Beckham, Jr. (Vice President); C. K. McCoy (Vice President); C. L. Coggin (Manager, Training and Emergency Preparedness); C. T. Moore

(Assistant General Manager); D. S. Read (Assistant General Manager-Plant Hatch); and H. L. Sumner, Jr. (General Manager-Plant Hatch).

2. Agenda Items and Discussions:

Chairman Pattillo conducted the meeting in accordance with the agenda. Questions were raised and discussions were held during and after each presentation.

The Operational Status Reports for Plants Hatch and Vogtle were reviewed. Mr. Sumner reported that Plant Hatch Unit 1 was on line at 100% power and Unit 2 on line at 76% power. Unit 1 has been operational for 86 continuous days and Unit 2 for 53 continuous days. Mr. McCoy reported that Plant Vogtle Units 1 and 2 were on line at 100% power. He stated that Unit 1 has been operational for 90 continuous days and Unit 2 for 97 continuous days.

Mr. Coggin presented a briefing and discussion on radiation and radiation effects.

Mr. Hairston presented Plants Hatch and Vogtle performance data which included a review of the following:

- 1991 Capacity factors for plants comparable to Hatch and Vogtle
- A comparison of Hatch and Vogtle combined expenses for 1991 and 1992 (budgeted)

- Non-fuel operations and maintenance costs and fuel costs comparisons/history
- Capital cost history
- Hatch Units 1 and 2 Lifetime capacity factors

Mr. McCoy presented a Plant Vogtle briefing which included a review of open Nuclear Regulatory Commission items and the Major Problem Status Report. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. PERMS Reliability
2. Motor Operated Valve Adequacy and Testing
3. Backlog of Preventive and Corrective Maintenance is Too High
4. Cost Competitiveness/Cost of Product
5. 4160/480v GE Transformer Failures
6. Sigma Machine Reliability
7. Main Steam Isolation Valves (MSIV)
8. Inadequate Procedure Compliance
9. Plant Personnel Distracted by Investigations, Lawsuits and Media Attention
10. Control Room Annunciators

Mr. Beckham reviewed the Nuclear Regulatory Commission's Systematic Assessment of Licensee Performance (SALP) rating of Plant Hatch dated July 29, 1992. The performance categories are:

Category 1 - Licensee management attention and involvement are readily evident and place emphasis on superior performance of nuclear safety or safeguards activities with the resulting performance substantially exceeding regulatory requirements. Reduced Nuclear Regulatory Commission attention may be appropriate.

Category 2 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are good. The licensee has attained a level of performance above that needed to meet regulatory requirements. NRC attention should be maintained at normal levels.

Category 3 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are not sufficient. The licensee's performance does not significantly exceed that needed to meet minimal regulatory requirements. Both NRC and licensee attention should be increased above normal levels.

He presented an overview of the performance ratings assigned for the last rating period and the current period as follows:

<u>Functional Area</u>	<u>Rating Last Period</u> <u>10/1/89 - 3/2/91</u>	<u>Rating This Period</u> <u>3/3/91 - 5/30/92</u>
Plant Operations	1 (Declining)	1
Radiological Controls	2 (Improving)	2 (Improving)
Maintenance/Surveillance	2	1
Emergency Preparedness	1	1
Security	2	1
Engineering/Technical Support	2	2
Safety Assessment/Quality Verification	1	1

He quoted from the report as follows: "The assessment clearly indicates improved performance overall with superior performance achieved in the functional areas of operations, maintenance/surveillance, emergency preparedness, security and safety assessment/quality verification. Performance in the functional areas of radiological controls and engineering/technical support was assessed as good with some recommendations for improvement. There is clear reference in the report to a proactive management, good communications across organizational lines and a highly professional staff which are major contributors to the overall teamwork and excellent performance of the Hatch plant".

Mr. Beckham discussed the Major Problem Status Report for Plant Hatch. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Reliability and Availability of Engineered Safety Features
2. Radiation Protection Issues
3. Personnel Performance
4. Safety Relief Valve (SRV) Setpoint Drift
5. Cost Containment
6. Reactor Pressure Vessel Internals Protection
7. Thermo-Lag Fire Barriers

8. Reactor Vessel Level Control Systems
9. Improvement of Heat Rate
10. BWR Thermal-Hydraulic Stability

Mr. McDonald reviewed the Institute of Nuclear Power Operations (INPO) evaluation of Plant Hatch received last month. Under the evaluation program, INPO rates a plant on a scale of 1 to 5, with 1 being the best. Plant Hatch received a rating of 4.

The Committee members commended Plants Hatch and Vogtle management on their achievements.

Mr. McDonald reviewed future challenges which include keeping safety high while lowering costs, regulatory reform, technology advances and resolution of the nuclear waste issue.

3. Secretary's Statement:

The foregoing is an accurate account of the meeting of the Nuclear Operations Overview Committee held at Plant Edwin I. Hatch, Baxley, Georgia, on Thursday, August 20, 1992.

There being no further business, the meeting adjourned at approximately 1:30 p.m.

gudy m. Anderson
Secretary

Approved:

H. G. Pattillo
H. G. Pattillo, Chairman
Nuclear Operations Overview Committee

GEORGIA POWER COMPANY
MINUTES OF THE MEETING OF THE
NUCLEAR OPERATIONS OVERVIEW COMMITTEE
OF THE BOARD OF DIRECTORS
MARCH 3, 1993

1. Call to Order and Attendees:

The twenty-sixth meeting of the Nuclear Operations Overview Committee was called to order at 9:40 a.m. on Wednesday, March 3, 1993, at Plant Vogtle, Burke County, Georgia. Mr. H. G. Pattillo (Chairman) presided, and Ms. Susan M. Carter (Assistant Corporate Secretary) acted as Secretary.

Committee members are Messrs. H. G. Pattillo (Chairman), W. A. Pickling, Jr., L. G. Hardman, III, W. A. Parker, Jr., and Robert Strickland, and all were present except Mr. Parker.

Others from Georgia Power Company attending the meeting were as follows: A. W. Dahlberg (President and Chief Executive Officer); R. P. McDonald (Executive Vice President); W. G. Hairston, III (Senior Vice President); J. M. Anderson (Vice President and Corporate Secretary); J. T. Beckham, Jr. (Vice President); C. K. McCoy (Vice President); J. B. Beasley (Assistant General Manager-Plant Operations); W. F. Kitchens (Assistant General Manager-Plant Support); W. B. Shipman (General Manager-Plant Vogtle). Also attending was G. Joseph Prendergast (Georgia Power Director).

2. Executive Committee:

The Committee members met with Mr. A. W. Dahlberg and Mr. R. P. McDonald in an executive session.

3. Plant Tour:

The Committee toured various areas of Plant Vogtle.

4. Acknowledgment of Mr. R. P. McDonald:

Chairman Pattillo began the meeting by commending Mr. R. P. McDonald (Executive Vice President) who will be retiring on June 1, 1993, on his many accomplishments in the nuclear industry and wished him well.

5. Agenda Items and Discussions:

Chairman Pattillo conducted the meeting in accordance with the agenda.

The Operational Status Reports for Plants Hatch and Vogtle were reviewed. Mr. Beasley reported that Plant Vogtle Unit 1 was on line at 92% power and Unit 2 on line at 100% power. He stated that Unit 1 has been operational for 168 continuous days and that Unit 2 had been on line for 76 continuous days. He reported that refuelings on Units 1 and 2 are scheduled for March 13, 1993 and September 10, 1993, respectively.

Mr. Beckham reported that Plant Hatch Unit 1 was on line at 100% power. He explained that a fuel failure occurred this

morning on Unit 2 and power has been reduced from 100% to 70%. Unit 2 will be taken off line for repair.

Mr. Shipman discussed Plant Vogtle Unit 1 outage plans. The outage is scheduled for March 13 - April 23, 1993 and will include 410 corrective maintenance items, 785 preventive maintenance items and 47 outage design change packages.

Mr. Shipman discussed the Major Problem Status Report for Plant Vogtle. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Motor Operated Valve Adequacy and Testing
2. Backlog of Preventive and Corrective Maintenance is Too High
3. Cost Competitiveness/Cost of Product
4. PERMs Reliability
5. Reactor Anomalies
6. Radiation Exposure Must Be Reduced to Meet 1995 Goal
7. Sigma Machine Reliability
8. Technical Adequacy of Procedures
9. Plant Personnel Distracted by Investigations, Lawsuits and Media Attention
10. Control Room Annunciators

92 PROJECT
072728

03/03/93

Mr. McCoy reviewed the Institute of Nuclear Power Operation (INPO) evaluation visit of Plant Vogtle. He explained that, in its evaluation program, INPO rates a plant on a scale of 1 to 5 with 1 being the best. Plant Vogtle received a rating of ●, the same as the prior rating.

Mr. McCoy reviewed the Nuclear Regulatory Commission's Systemic Assessment of Licensee Performance (SALP) rating of Plant Vogtle for the period September 29, 1991 through January 2, 1993. The performance categories are:

Category 1 - Licensee management attention and involvement are readily evident and place emphasis on superior performance of nuclear safety or safeguards activities with the resulting performance substantially exceeding regulatory requirements. Reduced Nuclear Regulatory Commission attention may be appropriate.

Category 2 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are good. The licensee has attained a level of performance above that needed to meet regulatory requirements. NRC attention should be maintained at normal levels.



Category 3 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are not sufficient. The licensee's performance does not significantly exceed that needed to meet minimal regulatory requirements. Both NRC and licensee attention should be increased above normal levels.

Significant improvements have been made in the areas of maintenance surveillance, security and safeguards, engineering/technical support and safety assessment/quality

verification since the last report. The SALP results were as follows:

<u>Functional Area</u>	<u>Last Period</u>	<u>This Period</u>
Plant Operations	2	2
Radiological Controls	1	1
Maintenance Surveillance	2	1
Emergency Preparedness	2	2
Security and Safeguards	2	1
Engineering/Technical Support	2	1
Safety Assessment/Quality	2	1

Mr. McCoy reviewed the 1992 Organizational Goal Performance for Plant Vogtle as follows:

<u>Goal</u>	<u>Level 5 Goal</u>	<u>1992 Performance</u>	<u>Goal Rating</u>
Nuclear Safety	1		
Regulatory Compliance	22 Points	48 Points	1
Plant Capability	85.4%	88.30%	5
Unplanned Automatic Reactor Trips	2	2	5
Industrial Safety			2
Lost Time Accidents	0	2	
Medical Attention	21	22	
Occupational Radiation Exposure	< 383 MANREMS	426.467	2.97
Budget			5
O & M Costs	3% Under Budget	11.50% Under	
Capital	3% Under Budget	9.26% Under	
Plant Efficiency	10,103 BTU/KWH	10,101 BTU/KWH	5

Year-End Performance Level = 4.00

92 PROJECT
072730



03/03/93

Mr. McCoy reviewed the unit capability factor - three-year average trend values for Plant Vogtle Units 1 & 2 as follows:

	<u>Achieved 1990-1992</u>	<u>Unit Goal</u>	<u>Industry Goal</u>
Unit 1	84.2%	85%	80%
Unit 2	83.7%	85%	80%

Mr. Beckham reported that Plant Hatch Unit 1 was scheduled for an outage for March 10, 1993 - May 9, 1993. He stated that they may delay the outage due to the fuel failure problem with Unit 2; once the outage begins, it should take 60 days as originally scheduled. Major activities will include refueling, reactor vessel access hole cover repairs, station service battery replacement and integrated leak rate testing. Mr. Beckham explained that management would like to eventually reduce the outage time to 40 days in the future.

Mr. Beckham reviewed the 1992 Organizational Goal Performance for Plant Hatch as follows:

<u>Goal</u>	<u>Level 5 Goal</u>	<u>1992 Performance</u>	<u>Goal Rating</u>
Excellence in Nuclear Power Operations	1	 (7/92 Evaluation)	
Regulatory Compliance	522 Points	48 Points	1
Plant Reliability	284.4%	82.44%	4.42
Unplanned Automatic Reactor Trips	51	2.5	2.5
Industrial Safety			
Lost Time Injuries	0	2	2
Medical Attentions	20	17	

92 PROJECT
072731

03/03/93

Radiation Exposure	≤1035 MAHREMS	549.35	5
Budget			
O & M Costs	≤3% Under Budget	10.04% Under	5
Capital	≤3% Under Budget	9.95% Under	5
Plant Efficiency	10,550 BTU/KWH	10,620 BTU/KWH	1
Year-End Performance Level = 3.95			

Mr. Beckham reviewed the unit capability factor - three-year average trend values for Plant Hatch Units 1 & 2 as follows:

	<u>Achieved 1990-1992</u>	<u>Unit Goal</u>	<u>Industry Goal</u>
Unit 1	76.9%	82.2%	80%
Unit 2	80.8%	82.2%	80%

Mr. Beckham concluded his remarks with a discussion of the Major Problem Status Report for Plant Hatch. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Reliability and Availability of Engineered Safety Features
2. Radiation Protection Issues
3. Personnel Performance
4. Cost Containment
5. Reactor Pressure Vessel Internals Protection
6. Thermo-Lag Fire Barriers
7. Improvement of Heat Rate
8. BWR Thermal-Hydraulic Stability
9. Motor-Operated Valve (MOV) Testing
10. Parts Availability and Obsolescence Issues

The Committee members commended Plants Hatch and Vogtle management on their achievements.

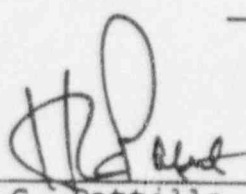
6. Secretary's Statement:

The foregoing is an accurate account of the meeting of the Nuclear Operations Overview Committee held at Plant Vogtle, Burke County, Georgia, on Wednesday, March 3, 1993.

There being no further business, the meeting adjourned at approximately 12:45 p.m.

Susan M. Carter
Secretary

Approved:



H. G. Pattillo, Chairman
Nuclear Operations Overview Committee

GEORGIA POWER COMPANY
MINUTES OF THE MEETING OF THE
NUCLEAR OPERATIONS OVERVIEW COMMITTEE
OF THE BOARD OF DIRECTORS
OCTOBER 29, 1993

1. Call to Order and Attendees:

The twenty-seventh meeting of the Nuclear Operations Overview Committee was called to order at 10:00 a.m. on Friday, October 29, 1993, at Plant Edwin I. Hatch, Baxley, Georgia. Mr. G. Joseph Prendergast (Chairman) presided, and Ms. Judy M. Anderson (Vice President and Corporate Secretary) acted as Secretary.

Committee members are Messrs. G. Joseph Prendergast (Chairman), W. A. Fickling, Jr., L. G. Hardman, III, W. A. Parker, Jr., and Robert Strickland; and all were present, except Mr. Parker.

Others attending the meeting were as follows: A. W. Dahlberg (President and Chief Executive Officer); J. D. Woodard (Senior Vice President); J. T. Beckham, Jr. (Vice President); C. K. McCoy (Vice President); and H. L. Sumner, Jr. (General Manager-Plant Hatch).

2. Agenda Items and Discussions:

Chairman Prendergast conducted the meeting in accordance with the agenda. Questions were raised and discussions were held during and after the presentations.

The Operational Status Reports for Plants Vogtle and Hatch were reviewed. Mr. McCoy reported that Plant Vogtle Units 1 and 2 were on line at 100% power. He stated that Unit 1 has been operational for 93 continuous days and Unit 2 for 10 continuous days. Mr. Sumner reported that Plant Hatch Unit 1 was off line at 22% reactor power and Unit 2 on line at 85% power. Unit 1 had been operational for 126 continuous days prior to the trip on October 22, 1993, and Unit 2 for 158 continuous days. Mr. Sumner stated that Unit 1 will be on line as soon as repairs to the components in a moisture separator reheater drain line are completed.

Mr. Sumner reported that The Institute of Nuclear Power Operations (INPO) was in the process of simulator evaluation at Plant Hatch.

Mr. McCoy reviewed the Major Problem Status Report for Plant Vogtle. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Cost Competitiveness/Cost of Product
2. Sigma Refueling Machine Reliability
3. Battery Cell Failures
4. On Line Chemistry Monitoring
5. Transformer Failures
6. Radiation Exposure Must be Reduced to Meet 1995 Goal
7. Plant Effluent Radiation Monitoring System Reliability

8. Unit 2 Reactor Coolant Pump Balance Issue
9. Control Room Annunciators
10. Plant Personnel Distracted by Investigations, Lawsuits and Media Attention

Mr. Beckham discussed the Major Problem Status Report for Plant Hatch. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Personnel Performance
2. Reliability and Availability of Engineered Safety Features
3. Radiation Protection Issues
4. Cost Containment
5. Reactor Pressure Vessel Internals Protection
6. Thermo-Lag Fire Barriers
7. Improvement of Heat Rate
8. Motor-Operated Valve Testing
9. Parts Availability and Obsolescence Issues
10. Number of Unplanned Reactor Scrams

The Committee members commended Plants Hatch and Vogtle management on their achievements.

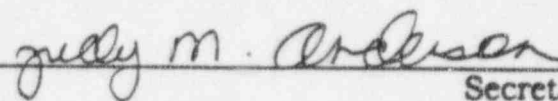
3. Plant Tour:

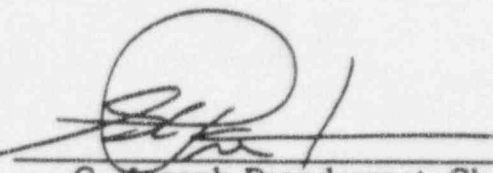
The Committee toured various areas of Plant Hatch.

4. Secretary's Statement:

The foregoing is an accurate account of the meeting of the Nuclear Operations Overview Committee held at Plant Edwin I. Hatch, Baxley, Georgia, on Friday, October 29, 1993.

There being no further business, the meeting adjourned at approximately 1:35 p.m.


Secretary

Approved: 

G. Joseph Prendergast, Chairman
Nuclear Operations Overview Committee

GEORGIA POWER COMPANY
MINUTES OF THE MEETING OF THE
NUCLEAR OPERATIONS OVERVIEW COMMITTEE
OF THE BOARD OF DIRECTORS
MARCH 30, 1994

1. Call to Order and Attendees:

The twenty-eighth meeting of the Nuclear Operations Overview Committee was called to order at 10:00 a.m. on Wednesday, March 30, 1994, at Plant Vogtle, Burke County, Georgia. Mr. G. Joseph Prendergast (Chairman) presided, and Ms. Judy M. Anderson (Vice President and Corporate Secretary) acted as Secretary.

Committee members are Messrs. G. Joseph Prendergast (Chairman), W. A. Fickling, Jr., L. G. Hardman, III, W. A. Parker, Jr., and Robert Strickland, and all were present except Mr. Strickland.

Others from Georgia Power Company attending the meeting were as follows: H. Allen Franklin (President and Chief Executive Officer); W. G. Hairston, III (Executive Vice President); J. D. Woodard (Senior Vice President); J. M. Anderson (Vice President and Corporate Secretary); J. T. Beckham, Jr. (Vice President); C. K. McCoy (Vice President); J. B. Beasley, Jr. (General Manager); and J. F. Genske (Administrative Assistant II).

2. Agenda Items and Discussions:

Chairman Prendergast conducted the meeting in accordance with the agenda.

The Operational Status Reports for Plants Hatch and Vogtle were reviewed. Mr. Beasley reported that Plant Vogtle Unit 1 was on line at 100% power and Unit 2 on line at 95% power. He stated that Unit 1 has been operational for 55 continuous days and that Unit 2 had been on line for 70 continuous days.

Mr. Beckham reported that Plant Hatch Unit 1 was off line for exciter rotor repair and Unit 2 was off line for a scheduled refueling and maintenance outage.

Mr. Beasley reported on Plant Vogtle's power uprate which has resulted in an increased net capacity of 123 megawatts. He also briefed the Committee on Unit 2's third refueling outage.

Mr. McCoy reviewed the 1993 Organizational Goal Performance for Plant Vogtle as follows:

<u>Goal Description</u>	<u>Level 5 Goal</u>	<u>Year-End Performance</u>	<u>Performance Level</u>	<u>Goal Weight</u>
Plant Capability	81.5%	86.55%	5	40%
Budget	>4.5% Under	16.08% Under	5	20%
Regulatory Compliance	5	3.5	3.5	10%
Institute of Nuclear Power Operations (INPO)	1	●	●	15%
Unplanned Reactor Trips	<4	3	5	5%
<u>Safety</u>			5	5%
Medical Attentions	<21	16		
Lost Time Injuries	0	0		
Radiation Exposure	<530 Manrem	365.97	5	5%

Overall 1993 Rating = 4.70

92 PROJECT
072739

03/30/94

Mr. McCoy reviewed the INPO performance trend graphs for Plant Vogtle. Lastly, Mr. McCoy discussed the Major Problem Status Report for Plant Vogtle. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Pressurizer Pressure Transmitter Drift
2. Cost Competitiveness/Cost of Product
3. Sigma Machine Reliability
4. Battery Cell Failures
5. Steam Generator Protection - On Line Chemistry Monitoring
6. Transformer Failures
7. Plant Effluent Radiation Monitoring System Reliability
8. Unit 2 Reactor Coolant Pump Balance
9. Heater Drain System Capability and Reliability
10. Heating Ventilation/Air Conditioning Exhaust and Supply Fan Problems and Failures

Mr. Beckham reviewed the results of the INPO evaluation visit of Plant Hatch conducted November 8 - November 19, 1993. He explained that, in its evaluation program, INPO rates a plant on a scale of 1 to 5 with 1 being the best. Plant Hatch received a rating of 1.

Mr. Beckham reviewed the Nuclear Regulatory Commission's Systemic Assessment of Licensee Performance (SALP) rating of Plant Hatch for the period May 31, 1992 through November 27, 1993. The performance categories are:

- Category 1 - Licensee management attention and involvement are readily evident and place emphasis on superior performance of nuclear safety or safeguards activities with the resulting performance substantially exceeding regulatory requirements. Reduced Nuclear Regulatory Commission attention may be appropriate.
- Category 2 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are good. The licensee has attained a level of performance above that needed to meet regulatory requirements. NRC attention should be maintained at normal levels.
- Category 3 - Licensee management attention to and involvement in the performance of nuclear safety or safeguards activities are not sufficient. The licensee's performance does not significantly exceed that needed to meet minimal regulatory requirements. Both NRC and licensee attention should be increased above normal levels.

Since the last rating, the SALP methodology was changed from seven functional areas to four. The SALP results were as follows:

<u>Functional Area</u>	<u>Last Period</u>	<u>This Period</u>
Plant Operations	1	2
Maintenance	1	2
Engineering	2	1
Plant Support	N/A	1

Mr. Beckham reviewed the 1993 Organizational Goal Performance for Plant Hatch as follows:

<u>Goal Description</u>	<u>Level 5 Goal</u>	<u>Year-End Performance</u>	<u>Performance Level</u>	<u>Goal Weight</u>
Plant Reliability	≥ 78.7%	75.81%	3.48	40%
Cost	≥ 0.8% Under	10.64% Under	5	20%

Regulatory Compliance	5	3.5	3.5	10%
INPO	1	●	●	15%
Unplanned Reactor Trips	≤2	1.5	5	5%
<u>Safety</u>			5	5%
Medical Attentions	≤21	17		
Lost Time Injuries	0	0		
Radiation Exposure	≤630 Manrem	669.233	3.88	5%

Overall 1993 Rating = 4.04

Mr. Beckham reviewed the INPO performance trend graphs for Plant Hatch. He then concluded his remarks with a discussion of the Major Problem Status Report for Plant Hatch. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Shroud Cracking and Reactor Pressure Vessel Internals Issues
2. Personnel Errors
3. Reliability of Plant Equipment
4. Fuel Performance
5. Thermo Lag Fire Barriers
6. Cost Containment
7. Piping Erosion and Corrosion in Balance of Plant Systems
8. Motor Operated Valve Testing and Upgrades
9. Heat Rate Improvement and Power Uprate
10. Number of Unplanned Reactor Scrams

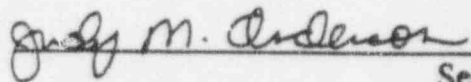
3. Plant Tour:

The Committee toured various areas of Plant Vogtle.

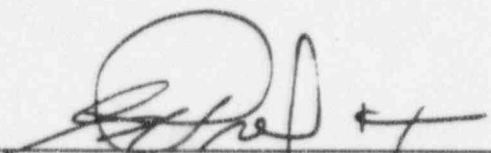
4. Secretary's Statement:

The foregoing is an accurate account of the meeting of the Nuclear Operations Overview Committee held at Plant Vogtle, Burke County, Georgia, on Wednesday, March 30, 1994.

There being no further business, the meeting adjourned at approximately 1:55 p.m.


Secretary

Approved:


G. Joseph Prendergast, Chairman
Nuclear Operations Overview Committee

GEORGIA POWER COMPANY
MINUTES OF THE MEETING OF THE
NUCLEAR OPERATIONS OVERVIEW COMMITTEE
OF THE BOARD OF DIRECTORS
OCTOBER 13, 1994

1. Call to Order and Attendees:

The twenty-ninth meeting of the Nuclear Operations Overview Committee was called to order at 10:20 a.m. on Thursday, October 13, 1994, at Plant Edwin I. Hatch, Baxley, Georgia. Mr. G. Joseph Prendergast (Chairman) presided, and Ms. Judy M. Anderson (Vice President and Corporate Secretary) acted as Secretary.

Committee members are Messrs. G. Joseph Prendergast (Chairman), W. A. Fickling, Jr., L. G. Hardman III, W. A. Parker, Jr., and Robert Strickland. Messrs. Prendergast, Hardman and Parker were present at Plant Hatch; Mr. Fickling participated via telephone; and Mr. Strickland was unable to attend.

Others attending the meeting were as follows: H. Allen Franklin (President and Chief Executive Officer); James R. Lientz, Jr. (Director); W. G. Hairston, III (Executive Vice President); J. D. Woodard (Senior Vice President); J. T. Beckham, Jr. (Vice President); C. K. McCoy (Vice President); H. L. Sumner, Jr. (General Manager-Plant Hatch); C. T. Moore (Assistant General Manager-Plant Operations); and J. F. Genske (Administrative Assistant II).

2. Agenda Items and Discussions:

Chairman Prendergast conducted the meeting in accordance with the agenda. Questions were raised and discussions were held during and after the presentations.

The Operational Status Reports for Plants Hatch and Vogtle were reviewed. Mr. Sumner reported that Plant Hatch Unit 1 was off line for a scheduled refueling and maintenance outage and Unit 2 was on line at 100% power. Mr. McCoy reported that Plant Vogtle Unit 1 was off line for a scheduled refueling outage and Unit 2 was on line at 100% power.

Mr. Sumner began the Plant Hatch briefing with a report on the Unit 2 scheduled outage from March 16 - April 13, 1994, and reviewed the major activities which were completed during the 45-day outage. He then reviewed the major activities of the Unit 1 scheduled outage which began on September 21, 1994. Additionally, he reviewed a recap which showed the refueling outage days for each unit of Plant Hatch from 1987-1994 year-to-date. He completed his review with Plant Hatch peer plant comparison data for the shortest outage length from 1988 - June 1994.

Mr. Beckham reported on the formation in June 1994 of a Boiling Water Reactor Vessel and Internals Project (BWRVIP) industry group which has been formed to focus on vessel and internals projects and problems. To date the group has been focusing on shroud inspection and repair; and plans to 1) identify flaws which have a major economic impact, 2) develop technical and licensing plans which deal with the cracking, and 3) define the appropriate roles of inspection, assessment, mitigation and repair in specific cases.

Mr. Beckham then reviewed the Major Problem Status Report for Plant Hatch. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

92 PROJECT
072745

10/13/94

1. Shroud Cracking and Reactor Pressure Valve Internals Issues
2. Personnel Errors
3. Reliability of Plant Equipment
4. Fuel Performance
5. Thermo Lag Fire Barriers
6. Cost Containment
7. Piping Erosion and Corrosion in Balance of Plant Systems
8. Motor Operated Valve Testing and Upgrades
9. Heat Rate Improvement and Power Uprate
10. Number of Unplanned Reactor Scrams

Mr. McCoy presented the Plant Vogtle briefing which included a historical recap of ratings from 1987-1994 of the Institute for Nuclear Power Operations' (INPO) evaluations. He explained that, in its evaluation program, INPO rates a plant on a scale of 1 to 5 with 1 being the best. The ratings were as follows:

1987	●
1988	●
1989	●
1991	●
1992	●
1994	●

He then compared the Nuclear Regulatory Commission's Systematic Assessment of Licensee Performance (SALP) ratings of Plant Vogtle for the period September 29, 1991 - January 2, 1993 with January 3, 1993 - July 2, 1994. The performance categories are:

Category 1 - Superior

Category 2 - Good

Category 3 - Adequate

The SALP results were as follows:

<u>Functional Area</u>	<u>Last Period</u> <u>9/29/91 - 1/2/93</u>	<u>This Period</u> <u>1/3/93 - 7/2/94</u>
Plant Operations	2	2
Maintenance/Surveillance	1	2
Engineering/Technical Support	1	1
Plant Support	1	1

He then reviewed the major activities of the Unit 1 scheduled refueling outage which began September 10, 1994. He reviewed a recap which showed the refueling outage days for each unit of Plant Vogtle from 1988 through 1994 year-to-date. He completed his review with Plant Vogtle peer plant comparison data for the shortest outage length through March 1994.

Mr. McCoy reviewed the Major Problem Status Report for Plant Vogtle. It was explained that the purpose of developing specific lists of "problems" is to focus management attention and allocate resources for a safe and efficient operation in a cost-effective manner. He outlined the major problem areas and actions to be taken in response thereto which included:

1. Human Performance Including Procedure Compliance
2. Unit 2 Reactor Coolant Pump Balance Issue

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3. Pressurizer Pressure Transmitter Drift Problems
4. Cost Competitiveness/Cost of Product
5. Plant Personnel Distracted by Investigations, Lawsuits, and Media Attention
6. Sigma Machine Reliability
7. Battery Cell Failures
8. Heater Drain System Capability and Reliability
9. Steam Generator Protection - On Line Chemistry Monitoring
10. Transformer Failures

Mr. Hairston presented a proposed Policy on Reporting of Nuclear Regulatory Commission and INPO Assessments to the Nuclear Operations Overview Committee, which was adopted as presented.

Mr. Hairston also gave an update on the reply to the Plant Vogtle Notice of Violation concerning diesel generator reporting in 1990. He concluded with a report on the status of the transfer of Plant's Hatch and Vogtle licenses to Southern Nuclear.

3. Plant Tour:


The Committee toured various areas of Plant Hatch.

4. Secretary's Statement:

The foregoing is an accurate account of the meeting of the Nuclear Operations Overview Committee held at Plant Edwin I. Hatch, Baxley, Georgia, on Thursday, October 13, 1994.

There being no further business, the meeting adjourned at approximately 2:00 p.m.

July M. Anderson
Secretary

Approved: 
G. Joseph Prendergast, Chairman
Nuclear Operations Overview Committee