February 27, 1996

Georgia Power Company
ATTN: Mr. George Hairston
President/CEO,
Southern Nuclear Company
Executive Vice President,
Georgia Power Company
P. O. Box 1295
Birmingham, AL 35201

SUBJECT: PUBLIC MEETING ANNOUNCEMENT - MANAGEMENT MEETING FOR FARLEY, HATCH, AND VOGTLE

Gentlemen:

This refers to the meeting conducted by mutual request of Southern Nuclear Company (SNC), Georgia Power Company, and Region II, at the SNC, 40 Inverness Center Parkway, Birmingham, Alabama, Room 230 on February 20, 1996. The meeting's purpose was to discuss current SNC organization, engineering design and technical services, plant status and major problems at the Farley, Hatch, and Vogtle Plants. It also provided us the opportunity to discuss the current Notice of Enforcement Discretion Policy. Enclosed are a list of attendees and the presentation handouts.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10 Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this meeting, please contact me at (404) 331-6299.

Sincerely,

Original signed by
P. H. Skinner

Pierce H. Skinner, Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos. 50-348, 50-364, 50-321
50-366, 50-424, 50-425

License Nos. NPF-2, NPF-8, DPR-57,
NPF-5, NPF-68, NPF-81

Enclosures:
1. List of Attendees
2. NRC Handouts
3. Agenda and GPC/SNC Handouts

cc w/encl: (See Page 2)

IE45

cc w/encl:
J. T. Beckham, Jr.
Vice President Plant Hatch
Nuclear Operations
P.O. Box 1295
Birmingham, AL 35201

C. K. McCoy,
Vice President
Vogtle Electric Generating Plant
P. O. Box 1295
Birmingham, AL 35201

H. L. Sumner, Jr.
General Manager, Plant Hatch
Georgia Power Company
Route 1, Box 439
Baxley, GA 31513

M. J. Ajluni, Licensing
Services Manager, B-031
Southern Nuclear Operating
Company, Inc.
42 Inverness Center Parkway
Birmingham, AL 35242

R. D. Hill, Jr.
General Manager, Farley Plant
Southern Nuclear Operating
Company, Inc.
P. O. Box 470
Ashford, AL 36312

J. D. Woodard
Executive Vice President
Southern Nuclear Operating
Company, Inc.
P. O. Box 1295
Birmingham, AL 35201

D. N. Morey
Vice President
Farley Project
P.O. Box 1295
Birmingham, AL 35201

State Health Officer
Alabama Department of Public Health
434 Monroe Street
Montgomery, AL 36130-1701

cc w/encl cont'd: (See Page 3)

cc w/encl: (Continued)
M. Stanford Blanton
Balch and Bingham Law Firm
P. O. Box 306
1710 Sixth Avenue North
Birmingham, AL 35201

Chairman
Houston County Commission
P. O. Box 6406
Dothan, AL 36302

D. M. Crowe
Manager Licensing - Hatch
Georgia Power Company
P. O. Box 1295
Birmingham, AL 35201

Ernest L. Blake, Esq.
Shaw, Pittman, Potts and
Trowbridge
2300 N Street, NW
Washington, D. C. 20037

Charles H. Badger
Office of Planning and Budget
Room 610
270 Washington Street, SW
Atlanta, GA 30334

Harold Reheis, Director
Department of Natural Resources
205 Butler Street, SE, Suite 1252
Atlanta, GA 30334

Thomas Hill, Manager
Radioactive Materials Program
Department of Natural Resources
4244 International Parkway
Suite 114
Atlanta, GA 30354

Chairman
Appling County Commissioners
County Courthouse
Baxley, GA 31513

cc w/encl cont'd: (See Page 4)

cc w/encl: Continued
Thomas P. Mozingo
Manager of Nuclear Operations
Oglethorpe Power Corporation
2100 E. Exchange Place
Tucker, GA 30085-1349

Charles A. Patrizia, Esq.
Paul, Hastings, Janofsky & Walker
10th Floor
1299 Pennsylvania Avenue
Washington, D. C. 20004-9500

J. B. Beasley
General Manager, Plant Vogtle
Georgia Power Company
P. O. Box 1600
Waynesboro, GA 30830

J. A. Bailey
Manager-Licensing
Georgia Power Company
P. O. Box 1295
Birmingham, AL 35201

Nancy G. Cowles, Counsel
Office of the Consumer's
Utility Council
84 Peachtree Street, NW, Suite 201
Atlanta, GA 30303-2318

Office of Planning and Budget
Room 615B
270 Washington Street, SW
Atlanta, GA 30334

Office of the County Commissioner
Burke County Commission
Waynesboro, GA 30830

Attorney General
Law Department
132 Judicial Building
Atlanta, GA 30334

Distribution w/encl:
S. Ebneter, RII
P. Skinner, RII
R. Wright, RII

Distribution cont'd: (See Page 5)

Distribution: (Continued)
A. Gibson, RII
C. Casto, RII
G. Hallstrom, RII
B. Siegel, NRR
K. Jabbour, NRR
D. Wheeler, NRR

NRC Resident Inspector
U.S. Nuclear Regulatory Commission
7388 N State Hwy 95
Columbia, AL 36319

NRC Senior Resident Inspector
U.S. Nuclear Regulatory Commission
11030 Hatch Parkway North
Baxley, GA 31513

NRC Senior Resident Inspector
U.S. Nuclear Regulatory Commission
8805 River Road
Waynesboro, GA 30830

SEND TO PUBLIC DOCUMENT ROOM? (YES) NO						
OFFICE						
SIGNATURE	RWright					
NAME	RWright:dka	PHSkinner				
DATE	02/27/96	02/27/96	02/ /96	02/ /96	02/ /96	02/ /96
COPY?	(YES) NO	(YES) NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: P:\MTS.SUM

LIST OF ATTENDEES

Nuclear Regulatory Commission Attendees:

S. Ebneter, Regional Administrator, Region II (RII)
A. Gibson, Director, Division of Reactor Safety (DRS), RII
J. Johnson, Deputy Director, Division of Reactor Projects (DRP), RII
P. Skinner, Chief, Branch 2, DRP, RII
C. Casto, Chief, Engineering Branch, DRS, RII
R. Wright, Project Engineer, Branch 2, DRP, RII
B. Holbrook, Hatch Senior Resident Inspector, Branch 2, DRP, RII
C. Ogle, Vogtle Senior Resident Inspector, Branch 2, DRP, RII
T. Ross, Farley Senior Resident Inspector, Branch 2, DRP, RII
H. Berkow, Director, Project Directorate II-2 (PDII-2), Office of Nuclear Reactor Regulation (NRR)
D. Wheeler, Vogtle Project Manager, PDII-2, NRR
K. Jabbour, Hatch Project Manager, PDII-2, NRR
B. Siegel, Farley Project Manager, PDII-2, NRR

Southern Nuclear Operating Company (SNC) Attendees:

G. Hairston, President & Chief Executive Officer
J. Woodard, Executive Vice President - Nuclear
J. Miller, Executive Vice President & Corporate Counsel
L. Long, Technical Services Vice President
K. McCoy, Vice President Vogtle Project
D. Morey, Vice President Farley Project
T. Beckham, Vice President Hatch Project

EXAMPLES OF APPLICATION

OF NOED CRITERIA

Enclosure 2

Example : Browns Ferry Unit 2, R-II issued Jan. 25, 1995

Background Plant in normal operation. One diesel generator declared inoperable due to failed turbocharger. Remaining diesels and two offsite power sources available. All ECCS systems operable. Required to restore operability of the failed diesel within 7 days or go to cold shutdown.

NOED request Permit continued reactor operation for an additional 72 hours to complete repair.

Evaluation Forced compliance with the license requirement would necessitate shutdown and involve unnecessary transient. Staff determination involved minimal or no safety impact.

Example : TVA, Sequoyah Unit 2, RII-issued NOED on 11/9/94

Background Plant in Mode 3. Steam-driven AFW inoperable. Required to restore operability within 72 hours or go to hot shutdown.

NOED request Permit to stay in Mode 3 for an additional 72 hours to complete troubleshooting and repair

Licensee rationale Need adequate steam conditions (Mode 3) for performing the test. Low decay heat, adequate SG inventory and motor-driven AFW pump available. No safety risk.

Evaluation 1) The NOED is justified. Startup criterion 3 is satisfied. Forced compliance with the license requirement would necessitate shutdown which does not provide an overall safety benefit. Conversely, staying in the mode would demonstrate operability of the AFW which provides safety benefit.

Example : Indian Point 3, R-I issued May 11, 1995

Background Plant in hot shutdown. Leak in miniflow line which would render RHR system inoperable during repair. TS requires cold shutdown within 21 hours.

NOED request Need additional 48 hours in the existing hot shutdown condition to complete repair.

Evaluation Startup criterion 3 is satisfied.

In cold shutdown, the RHR system is used for decay heat removal and both RHRs are required to be operable. The miniflow line is required to support RHR operation.

a) During repair of the miniflow line, the associated RHR pump would be running without miniflow protection and may result in loss of one RHR.

b) Repairing the miniflow would require a freeze seal for isolation from the reactor coolant system. Loss of the freeze seal could lead to an unisolable RCS leak outside containment.

c) Forced compliance with the license requirement not only provides no safety benefit but also would be detrimental to safety.

SUMMARY OF NOVEMBER 1995 CHANGES/CLARIFICATIONS TO NOED IMPLEMENTATION GUIDANCE

- An NOED is staff exercise of discretion to not take enforcement action for short-term non-compliance with license (but appropriate enforcement action taken for the root cause)

- Part of Enforcement Policy NUREG-1600 (previously 10CFR Part 2 Appendix C)

- NRC Inspection Manual Part 9900 Guidance revision issued 11/2/95; replaces 1/5/95 version

- Administrative Letter 95-05 issued 11/7/95

- New guidance more restrictive, but no change to policy or criteria

- NOED may not be justified if licensee created need by:

  .. poor planning
  .. failure to take timely action
  .. failure to adopt available TS improvements
  .. repeated requests without corrective action
  .. staff must verify validity of need using criteria similar to 50.91
  .. in near-term such cases must be elevated to ADP before NOED can be issued

- Staff must determine that action is clearly warranted from radiological health and safety standpoint

- Where possible, emergency situations should be addressed by emergency license amendments rather than NOEDs

- **NOED not appropriate for severe weather or other natural conditions which create need for overall public benefit/health and safety vs. radiological health and safety (may qualify for discretion per Section III of Policy, see Inspection Manual Part 9900 Attachment A for details)**

- **Cannot involve unreviewed safety question or significant hazards consideration**

- **Not appropriate for non-power or permanently shutdown reactors**

- **Only appropriate for non-compliance with license, not regulations or codes**

- **Licensee must provide at least a qualitative risk assessment derived from the PRA**

- **Startup criteria are applied to any condition other than Mode 1 operation or cold shutdown and the licensee must identify which criterion is satisfied**

- **NRR must issue follow-up license amendment in 4 weeks, if appropriate**

- **Agency-wide LAN-accessible database/tracking system to be operational early 1996; currently tracking via individual office databases; will include requests rejected before formal submittal**

- **Approval/denials are posted on electronic bulletin board**

LINE ITEM IMPROVEMENTS

Date	GL No.	MPA	Subject
05/03/84	84-13	--	Technical Specifications for Snubbers (removal of list)
06/04/87	87-09	D024	Sections 3.0 and 4.0 of the Standard Technical Specifications (STS) on Applicability of Limiting Conditions for Operation and Surveillance
03/22/88	88-06	D023	Removal of Organization Charts from Technical Specifications Administrative Control Requirements
08/02/88	88-12	D022	Removal of Fire Protection Requirements from Technical Specifications
10/04/88	88-16	D021	Removal of Cycle-Specific Parameter Limits from Technical Specifications
01/31/89	89-01	D025	Implementation of Programmatic Controls for Radiological Effluent Technical Specifications in the Administrative Controls Section of Technical Specifications and Relocation of Procedural Details of RETS to the Offsite Dose Calculational Manual or the Process Control Program
08/21/89	89-14	D026	Removal of the 3.2.5 Limit on Extending Surveillance Intervals
02/01/90	90-02		Alternative Requirements for Fuel Assemblies in the Design Features Section of Technical Specifications
12/11/90	90-09	D028	Alternative Requirements for Snubber Visual Inspection Intervals and Corrective Actions
01/04/91	91-01	D029	Removal of the Schedule for Withdrawal of Reactor Material Specimens from Technical Specifications
04/02/91	91-04	D031	Changes in Technical Specifications Surveillance Intervals to Accomodate a 24-month Fuel Cycle
05/06/91	91-08	D030	Removal of Component Lists from Technical Specifications
06/27/91	91-09	D032	Modification of Surveillance Requirements for the Electrical Protective Assemblies in Power Supplies for the Reactor Protection System

LINE ITEM IMPROVEMENTS
(continued)

Date	GL No.	MPA	Subject
~~11/07/91~~	~~91-18~~	~~N/A~~	~~NRC Inspection Manual Guidance on Resolution of Degraded and Nonconforming Conditions and Operability Determinations~~
07/31/92	90-02/S1	D027	Alternative Requirements for Fuel Assemblies in the Design Features Section of Technical Specifications
09/27/93	93-05	D033	Reduce Surveillance Requirements for Testing During Power Operation (*NUREG-1366*)
12/28/93	93-07	D034	Administrative Controls for Emergency and Security Plans
12/29/93	93-08	D035	Relocation of Technical Specification Tables of Instrument Response Time Limits
05/31/94	94-01	----	Removal of Accelerated Testing and Special Reporting Requirements for Emergency Diesel Generators
04/06/95	N/A		**Internal Guidance Memo**: Guidance for License Amendments Relocating Turbine Overspeed Specifications to the FSAR
12/12/95	AL 95-06		Relocation of Technical Specification Administrative Controls Related to Quality Assurance
12/15/95	95-10	----	Relocation of Selected Technical Specifications Requirements Related to Instrumentation (*incore detectors, seismic monitors, meteorological instruments, chlorine detectors, loose parts monitors, explosive gas monitors, turbine overspeed protection*)
01/31/96	96-03	----	Relocation of the Pressure Temperature Limit Curves and Low Temperature Overpressure Protection System Limits (*PTLR*)

LINE ITEM IMPROVEMENTS
(continued)

Date	GL No.	MPA	Subject
Pending			Relocation of Selected Technical Specifications Requirements Related to Administrative Controls
Planned			Improvements to the Technical Specification Requirements Related to Design Features
Possible			Relocation of Selected TS Requirements Related to Plant Systems (snubbers, sealed sources, area temperature monitoring)
Possible			Relocation of Selected TS Requirements Related to Reactivity Control Systems (boration systems, rod position indicators, rod drop time)

NRC MEETING

February 20, 1996
10:00 AM to 2:00 PM
Southern Nuclear Operating Co.
40 Inverness Center Parkway
Room 230 (Board Room)
Birmingham, Alabama

Attendees:

NRC: S. Ebneter, A. Gibson, H. Berkow, J. Johnson, C. Casto, C. Christianson, P. Skinner, B. Holbrook, C. Ogle, T. Ross, K. Jabbour, B. Siegel, L. Wiens, D. Wheeler, D. Hood

SNC: G. Hairston, J. Woodard, T. Beckham, K. McCoy, D. Morey, L. Long

Agenda

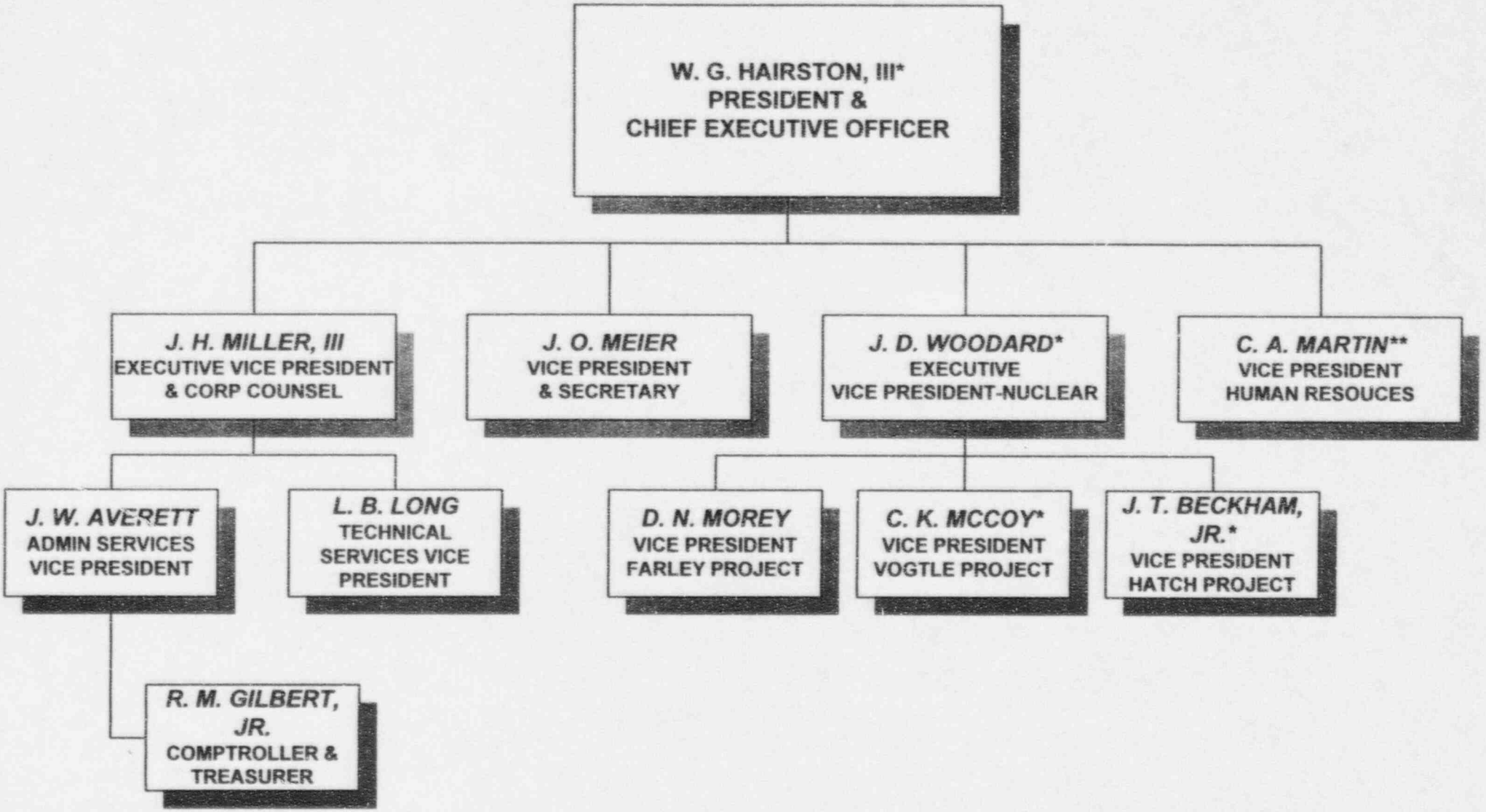
1.	Opening Remarks	G. Hairston	9:30-9:35 AM
2.	Comments	S. Ebneter	9:35-9:45 AM
3.	Plant Status - Farley	D. Morey	9:45-9:50 AM
4.	Plant Status - Hatch	T. Beckham	9:50-9:55 AM
5.	Plant Status - Vogtle	K. McCoy	9:55-10:00 AM
6.	SNC Organization	J. Woodard	10:00-10:15 AM
7.	Engineering Design	D. Morey	10:15-10:30 AM
8.	Technical Services	L. Long	10:30-10:45 AM
9.	Major Problems - Farley	D. Morey	10:45-10:55 AM
10.	Major Problems - Hatch	T. Beckham	10:55-11:05 AM
11.	Major Problems - Vogtle	K. McCoy	11:05-11:15 AM
12.	Notice of Enforcement Discretion Policy	H. Berkow	11:15-11:45 PM
13.	Lunch	Board Room	11:45-12:30 PM
14.	*Tours :		12:30-1:30
	- Projects	T. Beckham	
	- Southern Company Services	D. Morey	

Additional Information

* Split into two groups -- approximatley 30 minutes for each tour.

Enclosure 3

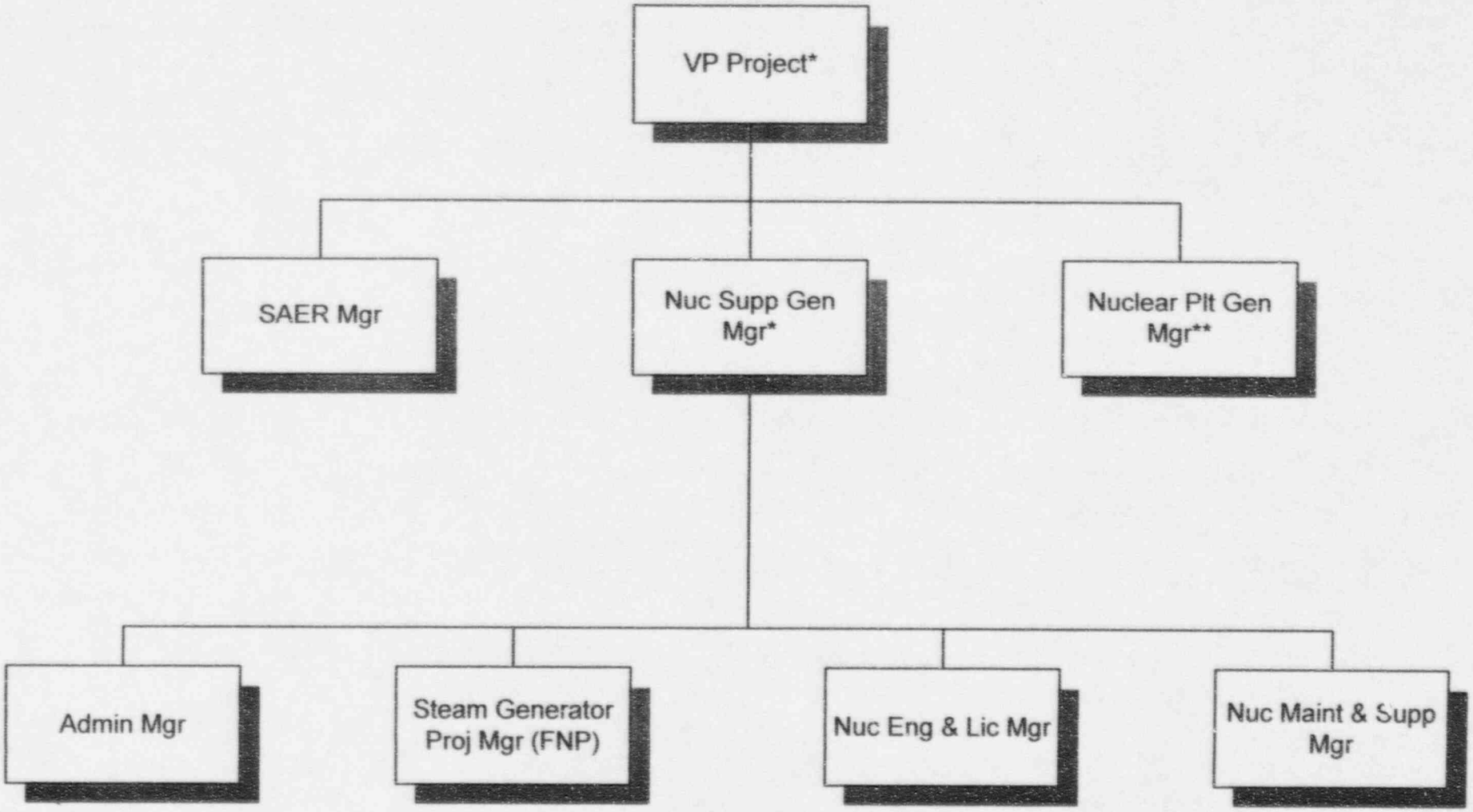
SOUTHERN NUCLEAR OPERATING COMPANY



*Shared officer of Georgia Power Company
**HR officer of all system companies

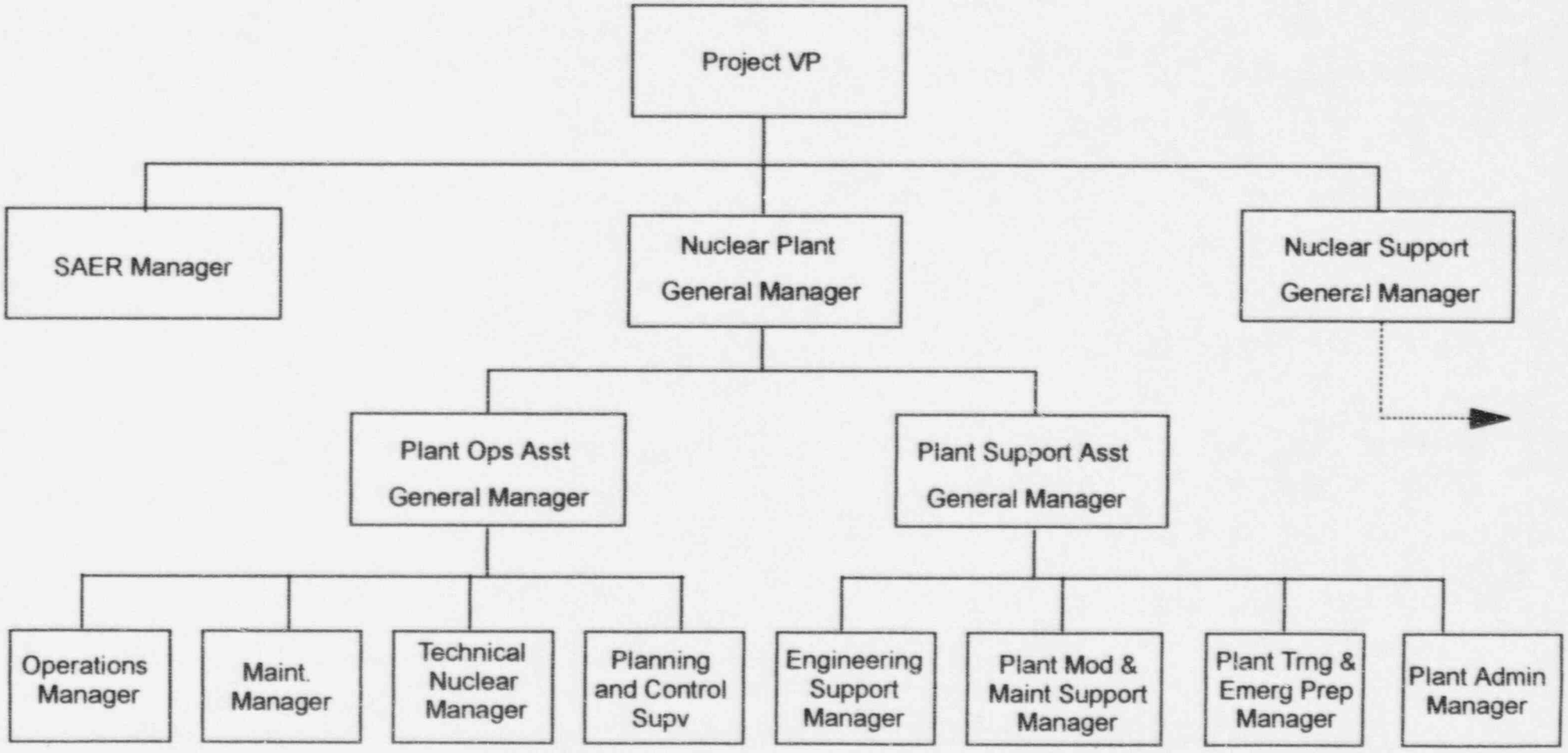
Enclosure 3

TYPICAL PROJECT ORGANIZATION

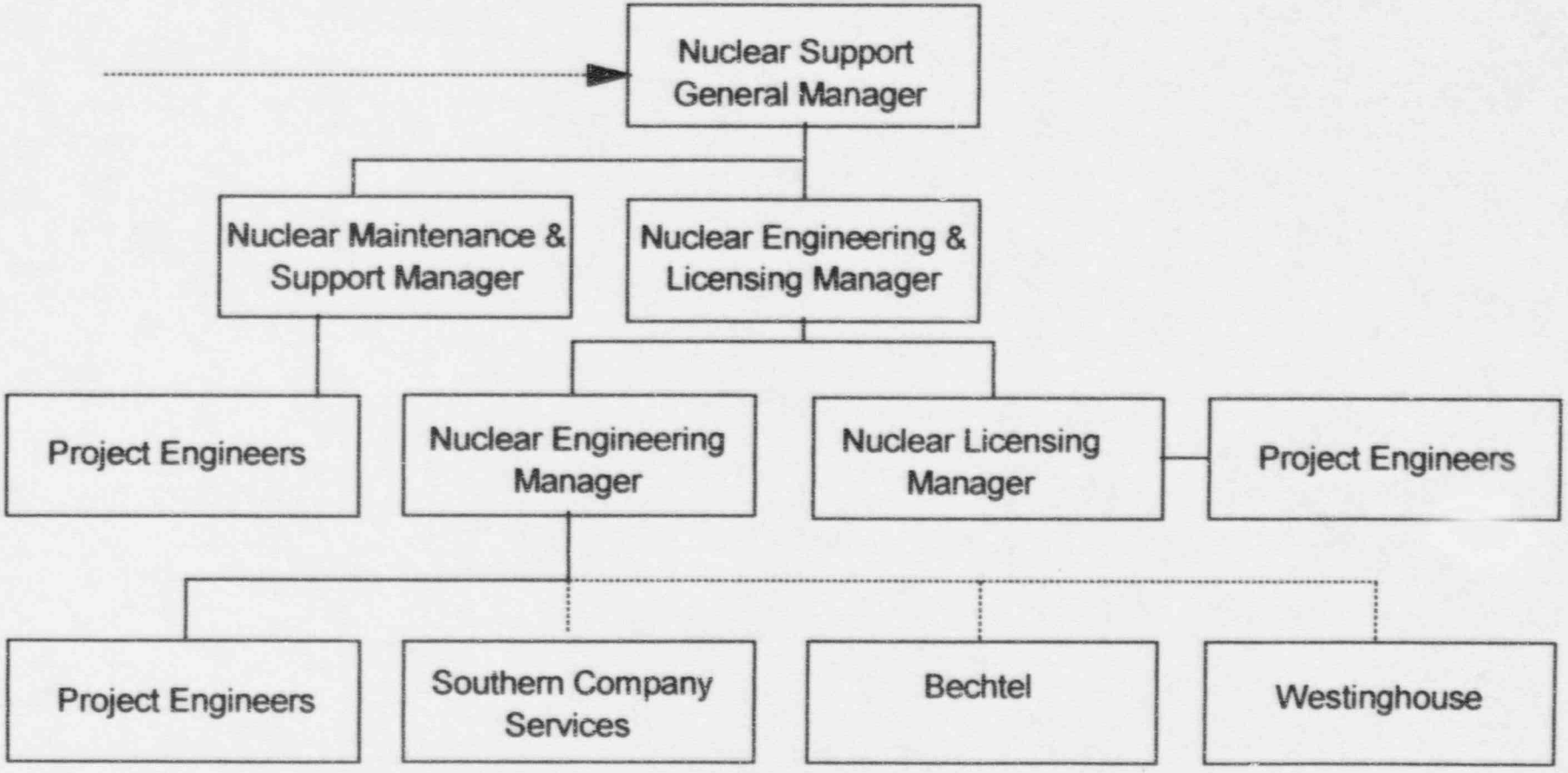


*GPC shared employee for Hatch and Vogtle
**GPC employee for Hatch and Vogtle

Project Organization



Offsite Project Organization



Providers of Engineering Services

- Southern Company Services
- Bechtel
- NSSS & Turbine Generator Suppliers (Westinghouse, GE)
- Specialty / Equipment Services Engineers
- Agents of the Owner Utility

Southern Company Services

- Preferred Designer
  - Subsidiary of The Southern Company
  - Proximity to SNC

- Interface
  - Project Engineering Design
  - Safety Review Board
  - Daily Plant Status Calls
  - Personal involvement at all levels of management in critical technical issues
  - Standardization Task Forces (with SNC)

SCS Engineering Actual Headcount

as of January 1, 1996

Direct Support

Farley Project	88
Vogtle Project	77
Hatch Project	103
Nuclear Technical Services (EQ, Licensing, Stress, Control Systems, etc.)	36
Nuclear Project Support (Administration- budget, schedules, etc.)	21
Total	325

Indirect Support

Consulting & Testing Services	117
Engineering Support Services (Doc. Control, QA, etc.)	46
Total	163

SCS Project Responsibilities

- Design Changes
- Engineering and Consulting
- Configuration Management & Document Services
- Special Engineering & Testing
- Site Support and Staff Augmentation

Bechtel

- Consultant
  - Research plant design and licensing basis
  - Review technical opinions or designs developed by SCS or the NSSS designer
  - Participate in resolving generic industry issues
  - Support SNC in team inspections

Bechtel (cont'd)

- Value Added:
  - Flexibility - Alternate source for engineering design
  - Access to nuclear staff specialty design
  - Recognized nuclear experience in regulatory and financial arenas
  - Healthy source of competition - continuous benchmarking capabilities for design
- Organization:
  - Common engineering support group for SNC
  - Actual headcount of 30 as of January 1, 1996

NSSS & Turbine Generator Suppliers (Westinghouse, GE)

- Fuels
- NSSS & Turbine Generator Component Engineering

Specialty / Equipment Services Engineers

- Pump expertise
  - Dr. Makay
- Lubrication expertise
  - Dr. Bolt
- Vendor component expertise
  - Atwood Morrell - TDAFW pumps
  - Ingersol Rand - RHR pumps
  - Copes - Vulcan - valves
  - Vectra - MOVs
  - Graver - Demineralizers
  - Fairbanks Morse - Diesel Generators

Agents of the Owner Utility

- Southern Nuclear Technical Services
  - Environmental Issues
  - PRA Analysis
  - Licensing Questions
- APCO / GPCO Environmental Services
- GPCO Repair Shop
  - E.Q. of Motor Rewinds
- APCO / GPCO Power Delivery
  - Switchyard Modifications

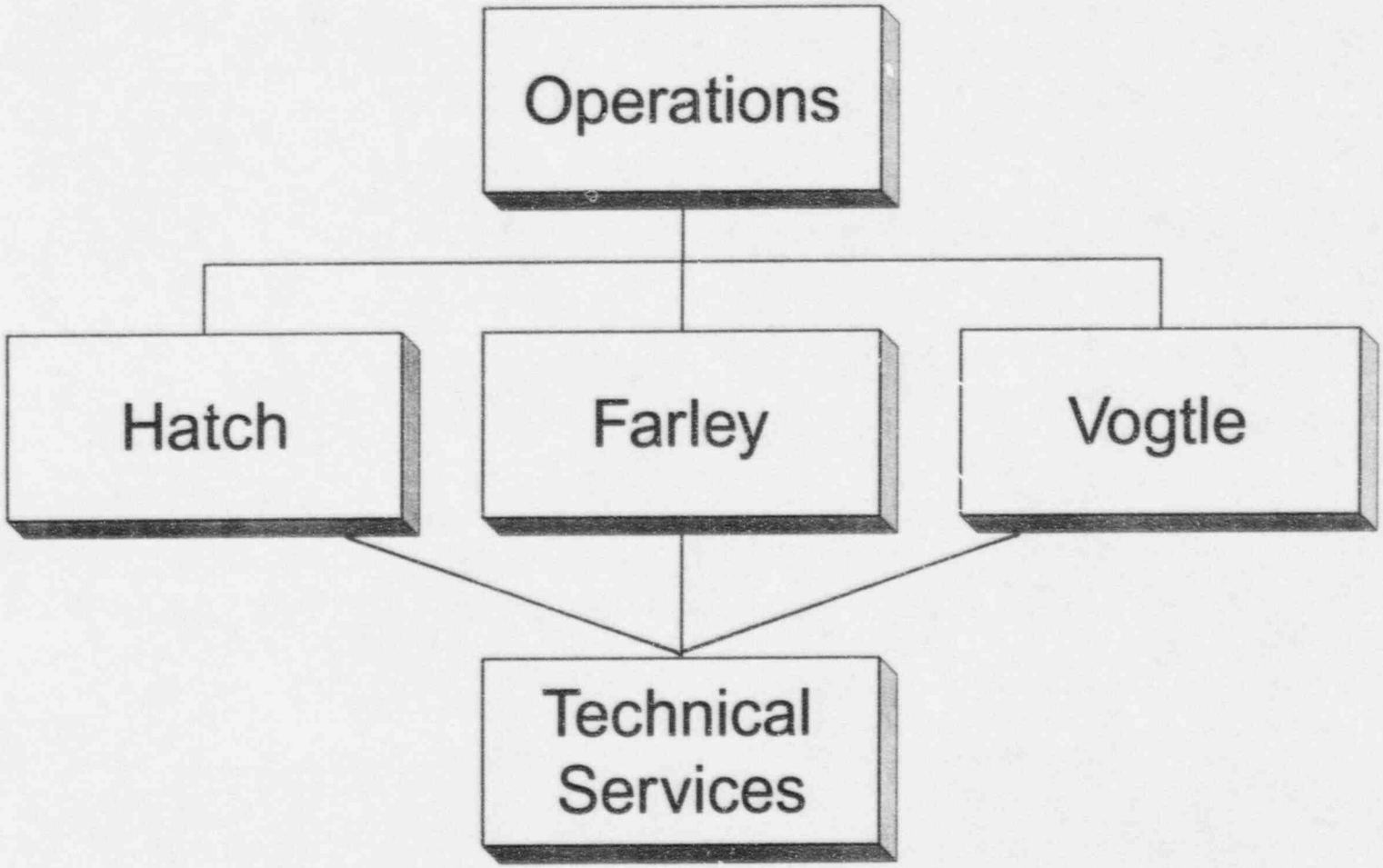
Engineering Budget - 1996

$15 million	Farley
$16 million	Hatch
$11 million	Vogtle
$42 million	Total

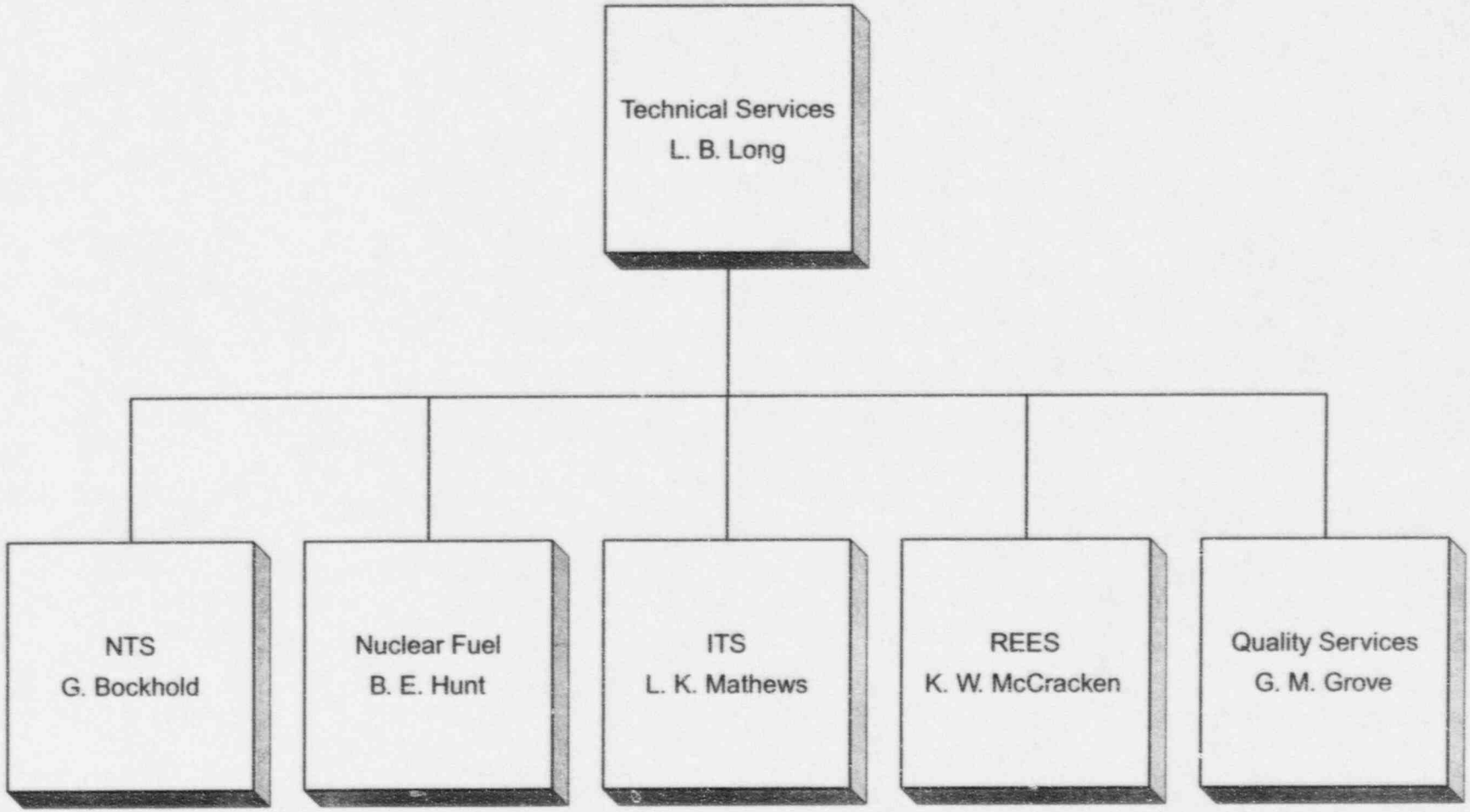
TECHNICAL SERVICES

- We work for the Projects

SOUTHERN NUCLEAR



TECHNICAL SERVICES



NUCLEAR TECHNICAL SERVICES

- Reengineering
- ALWR

NUCLEAR FUEL

- Nuclear Fuel Services
  - Procurement, QA, Economics
- Core Analysis - BWR & PWR
  - Fuel Cycles, Ops Support, Licensing

INSPECTION & TESTING SERVICES

- ISI/IST Programs & Plans
- E/C Program
- Infrared Program
- NDE Management
- Code Committees

REGULATORY, ENGINEERING & ENVIRONMENTAL SERVICES

- Licensing Services
- Engineering Services
- Environmental Services

QUALITY SERVICES

- QSL
- Supplier Audits
- Contractor BI And FFD Audits
- Corporate Audits

Plant Hatch
Top Ten Major Problems

- Unit 1 Fuel Leakers
- Motor-Operated Valve Testing & Upgrades
- Spent Fuel & Radwaste Disposal
- Shroud Cracking and RPV Internal Issues
- Procedural Compliance
- Main Generator Reliability
- Safety Relief Valve Pilot Leakage
- Unit 1 Reactor Feedpump AC Oil Pump Reliability
- Steam Cycle Flow Accelerated Corrosion
- Low Pressure Turbine Dovetail Cracking

Plant Farley
Top Ten Major Problems

- Industrial Safety
- Personnel Errors
- Steam Generators
- Maintenance
- Reactor Trips
- Fuel
- Service Water Issues
- Plant Material Condition
- Radiation Exposure
- Chemical Control Program

Plant Farley
Top Ten Major Problems

- Industrial Safety
- Personnel Errors
- Steam Generators
- Maintenance
- Reactor Trips
- Fuel
- Service Water Issues
- Plant Material Condition
- Radiation Exposure
- Chemical Control Program

Plant Hatch
Top Ten Major Problems

- Unit 1 Fuel Leakers
- Motor-Operated Valve Testing & Upgrades
- Spent Fuel & Radwaste Disposal
- Shroud Cracking and RPV Internal Issues
- Procedural Compliance
- Main Generator Reliability
- Safety Relief Valve Pilot Leakage
- Unit 1 Reactor Feedpump AC Oil Pump Reliability
- Steam Cycle Flow Accelerated Corrosion
- Low Pressure Turbine Dovetail Cracking

Plant Vogtle
Top Ten Major Problems

- Human Performance
- NSCW System Cooler Debris
- Reactor Coolant Pump Turning Vane to Thermal Barrier Flange
- Main Generator Stator Bar Water Leakage
- Loss of Boraflex in the Spent Fuel Pool
- Safe Work Practices
- Unit 2 Reactor Coolant Pump Balance Issue
- Cost Competitiveness/Cost of Product
- Containment Cooler Tube Leakage
- Heater Drain System Capability and Reliability