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9512200053 950922  
 PDR ADDCK 05000424  
 PDR

TRIP LOW PRESSURE LUBE OIL (NO 1)  
 TRIP LOW PRESSURE LUBE OIL (NO 2)  
 TRIP LOW PRESSURE LUBE OIL (NO 3)  
 MOTOR OIL LOCKOUT  
 TRIP HIGH TEMP JACKET WATER (NO 1)  
 TRIP HIGH TEMP JACKET WATER (NO 2)  
 TRIP HIGH TEMP JACKET WATER (NO 3)  
 TRIP HIGH TEMP ENG BEARINGS  
 TRIP HIGH TEMP 1

TRIP NO.	TRIP NAME	TRIP NO.	TRIP NAME
1	TRIP 1	10	TRIP 10
2	TRIP 2	11	TRIP 11
3	TRIP 3	12	TRIP 12

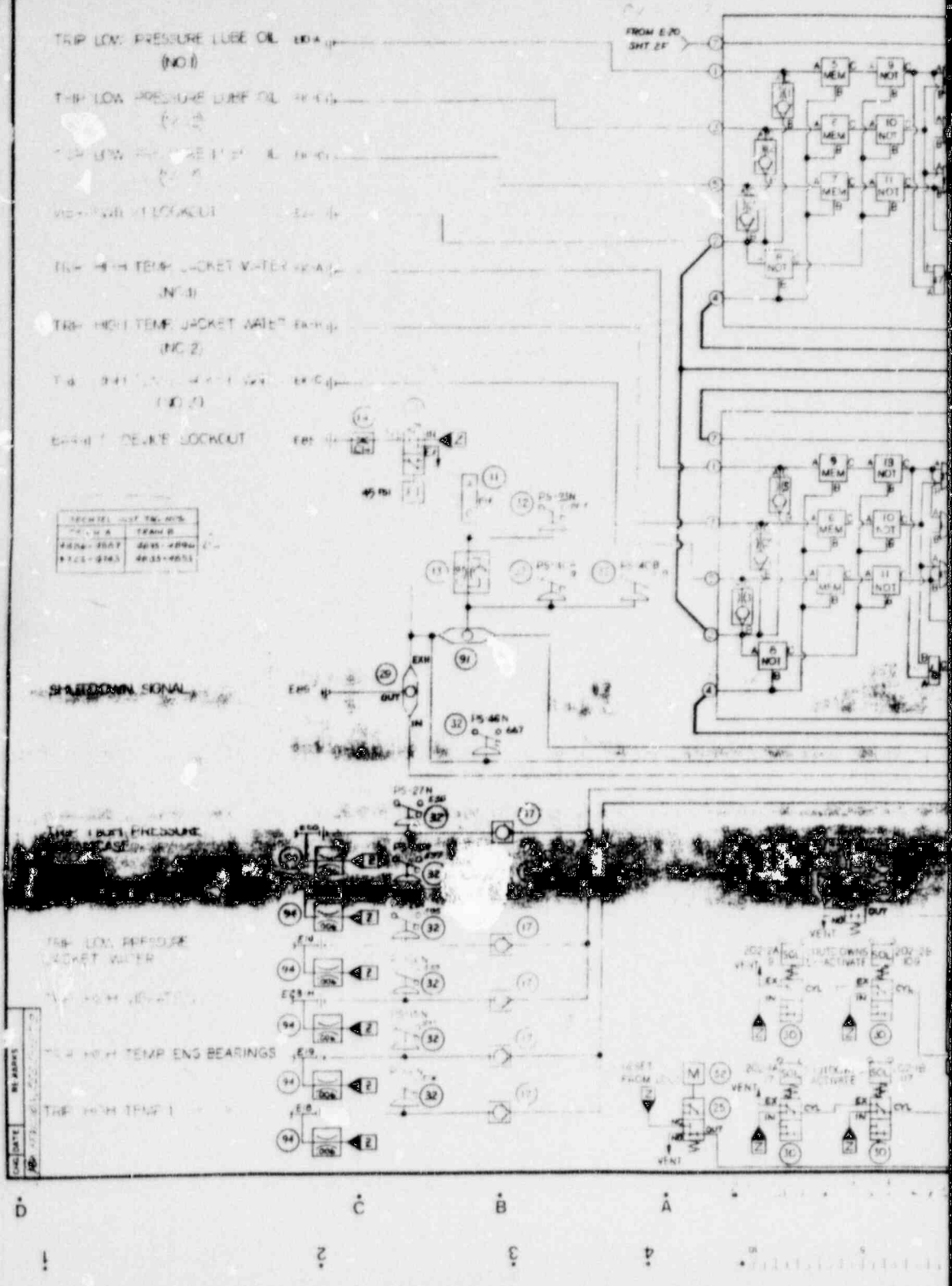
SHUTDOWN SIGNAL

TRIP 1 UNIT FIRE ALARM

TRIP LOW PRESSURE JACKET WATER

TRIP HIGH TEMP ENG BEARINGS

TRIP HIGH TEMP 1



NUCLEAR REGULATORY COMMISSION

Docket No. 50-424/25-OLA-3 EXHIBIT NO. 1D

In the matter of Georgia Power Co. et al., Vogtle Units 1 & 2

Staff  Applicant  Intervenor  Other **SO&RO**  
 Identified  Recalled  Rejected Reporter **SP**



17227

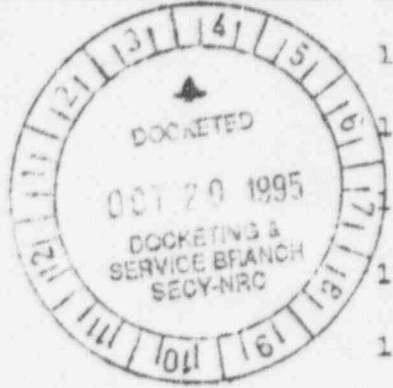
09-05-95

12941

I N D E X

DOCKET NUMBER  
PROD. & UTIL. FAC. 50-424/425 -  
OLA-3

	<u>WITNESS</u>	<u>DIRECT</u>	<u>CROSS</u>	<u>REDIRECT</u>	<u>RECROSS</u>	<u>BOARD</u>
1						
2						
3	Christopher Eckert		12946			12952
4			12954			12956
5			12960			12961
6			12970			12969
7			12985			12970
8			12989			12985
9			12992			12989
10			13001			13000
11			13011			13006
12			13022			13021
13			13024			13030
14			13034			13042
15			13044			13048
16			13047			13050
17			13049			13 55
18			13053			
19						



E X H I B I T S

	<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
21				
22	Intervenor 212	CI Statement of Eckert	12977	12979
23		BOUND INTO TRANSCRIPT		
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25				

NEAL R. GROSS  
COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVENUE, N.W.  
WASHINGTON, D.C. 20006

EXHIBITS

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<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
	Prefiled rebuttal, Webb		13094
	BOUND INTO TRANSCRIPT		
GPC II-169	Webb Exhibit A	13096	13096
	BOUND INTO TRANSCRIPT		
GPC II-170	Webb Exhibit B	13096	13096
	BOUND INTO TRANSCRIPT		
GPC II-171A	Webb Exhibit C,	13161	13168
	through T		
	Project pages		

**NEAL R. GROSS**  
 COURT REPORTERS AND TRANSCRIBERS  
 1325 RHODE ISLAND AVENUE, N.W.  
 WASHINGTON, D.C. 20005

09-07-95

13224

## EXHIBITS

<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
GPC-II-71	Diesel Count List	13225	13312
GPC-II-172	IDENTIFIED AND PROVIDED 05-22-95 Letter: 11-01-91	13326	13329
GPC-II-173	03-15-90 Memo	13327	13329
GPC-II-174	06-20-90 Bockhold Ex. S	13327	13329
GPC-II-175	Tape Transcript page 179	13327	13329
GPC-II-176	07-06-90 Memo	13327	13329
GPC-II-177	04-03-90 Memo	13328	13329
GPC-II-178	IIT Teleconference Trans 04-05-90	13328	13329
GPC-II-179	IIT Teleconference Trans 04-06-90	13328	13329
GPC-II-180	IIT Teleconference Trans 04-07-95	13328	13329
GPC-II-181	Mosbaugh Tape 34	13329	13329
GPC-II-182	Telecopy: DG Instrument Test Outline		
Int-II-232	Tape 3 Transcript	13334	13340
Int-II-233	BOUND IN TRANSCRIPT DOL Transcript p697 Mosbaugh v GPC	13343	13347
Int-II-235	BOUND IN TRANSCRIPT Bockhold Deposition	13361	
Int-II-233	BOUND IN TRANSCRIPT Pages 690, 691, 697 of Bockhold Deposition	13378	13381
Int-II-235	BOUND IN TRANSCRIPT Page 35, 86, 89 of Bockhold Deposition	13383	13385
Int-II-234	BOUND IN TRANSCRIPT 09-15-89 Memo	13400	13400
Int-II-231	BOUND IN TRANSCRIPT Quality Concerns File RECEIVED AND PROVIDED 09-15-95	13407	



## EXHIBITS

EXHIBIT NO.	DESCRIPTION	IDENT	REC'D
GPC-II-183	Trans. of Tape 99 Side A BOUND IN TRANSCRIPT	13439	13440
GPC-II-184	Memo 01-02-91: Mr. Shipman BOUND IN TRANSCRIPT		
	to Vogtle Employees	13439	13440
GPC-II-185	"Meet Your Inspectors" BOUND IN TRANSCRIPT		
	Article	13439	13440
INT-II-236	Excerpts of OI Interview RECEIVED ON 10-06-95		
	of Mr. McCoy	13485	13486
INT-II-237	Trans. of Tape 218 Side B	13491	
INT-II-238	Post OL-Vogtle		
	Units 1 & 2 Calcon		
	Sensor Failures	13509	
Board 10	Schematic Diagram of BOUND IN TRANSCRIPT, ONLY ONE COPY PROVIDED TO REPORTER		
	Control Logic on Diesel		
	Generator	13572	

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVENUE, N.W.

WASHINGTON, D.C. 20006

## 1 EXHIBITS

2	<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
3	GPC II-239	Kitchens, Exhibit A	13591	13591
		BOUND IN TRANSCRIPT		
4	GPC II-240	Kitchens, Exhibit B	13591	13591
		BOUND IN TRANSCRIPT		
5	GPC II-186	GPC II-239, re-marked	13605	
		BOUND IN TRANSCRIPT		
6	GPC II-187	GPC II-240, re-marked	13605	
		BOUND IN TRANSCRIPT		
7	Int II-239	OI report, 3/19/91	13621	
8	Int II-240	Demonstrative Aid B	13814	
		BOUND IN TRANSCRIPT ON 09-14-95		

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GPC II-239=GPC II-186

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GPC II-240=GPC II-187

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<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
	INTERVENOR EXHIBIT 240 BOUND INTO THE RECORD FOLLOWING		
	PAGE 13830.		
GPC-II-188	Schematic, Sheet 2 of 9	13855	
Int-II-242	Notes: Mr. Domby	13910	
	RECEIVED ON 09-15-95		
Int-II-230	GPC 3rd Supplemental		
	RECEIVED ON 09-15-95		
	Response	13922	
Int-II-243	GPC 4th Supplemental		
	RECEIVED ON 09-15-95		
	Response	13944	
Int-II-244	Work Order # 19502428	13952	
	RECEIVED ON 09-15-95		
Staff-II-69	Picture Frame 26	13967	13978
GPC-II-189	PRB Meeting Minutes	13991	
Staff-II-70	Filter Picture	14003	14006
GPC-II-190	Chenault Qualifications	14020	14021
	(Bound into the record		
	following page 14021.)		
	REBUTTAL TESTIMONY OF MR. CHENAULT BOUND INTO THE RECORD		
	FOLLOWING PAGE 14020.		



## EXHIBITS

<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
Int-II-230	GPC's 3rd response to 3rd interrogatories	*	14062
Int-II-242	Mr. Domby's notes	*	14062
Int-II-243	GPC's 4th response to 3rd interrogatories	*	14062
Int-II-244	One page from NWO 19502428	*	14062
Int-II-231	Summary Report, 02-15-90	*	14190
Int-II-245	1-pg ltr 3-16-90 from GPC	14081	14190
Int-II-246	Tape 101 Side A 05-08-90	14171	14190
Int-II-247	Excerpt of Tape 99 Side B 05-08-90	14180	14190
Int-II-248	Memo to Mr. Lyons 05-08-90	14184	14190
Int-II-249	Interview of George Frederick 06-27-90	14184	14190
Int-II-250	Interview of Mike Horton 06-26-90	14185	14190
Int-II-251	Interview of J. Aufdenkampe 07-13-90	14185	14190
Int-II-252	Audit Finding Report	14186	14190
Int-II-253	Interview notes with Skip Kitchens 06-26-90	14190	14190
Int-II-254	Procedure 00002-C	14192	14190
GPC-II-191	Review of Mr. Mosbaugh by Mr. Bockhold	14206	14207
GPC-II-192	Memo: LeGrand to Bockhold 06-21-90	14207	14211
GPC-II-193	90V0015 by W.C. Lyon 08-21-90	14208	14211
GPC-II-194	Chilling Effects/Intimidation of PRB Members	14209	14211
Int-II-89	(Previously Identified)		14211
Int-II-255	One page by Mr. Lyons	14217	14228
Int-II-256	Quality Concerns File	14218	14228

\*Previously marked for identification.



## EXHIBITS

EXHIBIT NO.	DESCRIPTION	IDENT	REC'D
3	GPC II-199 James Bailey affidavit	14463	14465
4	GPC II-200 Paul Rushton affidavit	14465	14465
5	(Exhibits GPC II-199 and II-200 bound into transcript following page 14466.)		
7	Int II-233 Supplement to this exhibit	14466	14467
8	Int II-235 Supplement - Bockhold depo.	14468	14468
9	GPC II-201 Duncan affidavit	14469	14654
10	Board 11 Calibration sheet RETAINED BY GEORGIA POWER	14474	14481
11	Staff II-67 Tape 246 excerpt RETAINED BY THE BOARD	14486	
12	Staff II-71 Attachment A - Tomlinson	14490	14497
13	Staff II-43 Attachment B - Skinner	14492	14497
14	(Exhibits Staff II-71 and II-43 bound into transcript following page 14497.)		
16	Int II-266 NUREG/CR-0660	14515	
17	Int II-267 US Nuclear Plants with RETAINED BY INTERVENOR		
18	TDI Energy Diesel Generating		
19	Operating Experience Dryer Dew		
20	Point Specs	14519	
21	Staff II-72 Photograph: Diesel Generator		
22	Control Panel	14579	
23	Int II-268 Depo: Michael Hobbs RETAINED BY INTERVENOR		
24	Page 21 08-04-95	14629	
25	Int II-169 Demonstrative Aid Bound following page 14667.		

## 1 EXHIBITS

2	<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
3	Staff II-73	Photo, pneumatic circuitry	14705	
4	Board 10	Sheet 2, engine schematic	14716	14716
5	BOARD EXHIBIT 10 BOUND FOLLOWING PAGE 14716			
6	Staff II-74	Photo, bolted flange	14732	
7	Staff II-5	Memo, Casto		14736
	RETAINED BY STAFF			
8	Staff II-10	Inspection report		14736
9	Staff II-72			
10	thru II-75	Photos		14736
11	STAFF II-75 BOUND FOLLOWING PAGE 14735			
12	STIPULATION BOUND FOLLOWING PAGE 14741			
	INT II-95 AND INT II-137 PROVIDED WITH STIPULATION DOCUMENT			
13	Staff II-42	Attachment A	14758	14758
14	Staff II-43	Attachment B	14758	14753
15	Staff II-44	Attachment C	14758	14758
16	STAFF II-42 THROUGH 44 BOUND FOLLOWING PAGE 14758			
17	Staff II-45	Attachment D	14759	14764
18	Staff II-46	Attachment E	14760	14764
19	Staff II-47	Attachment F	14760	14764
20	Staff II-48	Attachment G	14761	14764
21	Staff II-49	Attachment H	14761	
22	Staff II-50	Attachment I	14762	14764
23	Staff II-51	Attachment J	14762	14764
24	INT II-269	Report of Interview	14787	14790
25				

## 1 EXHIBITS

2	<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
✓ 3	Int-II-270	M&TE Traveler	14877	
4	EXHIBIT INTERVENOR-II-270 BOUND INTO THE TRANSCRIPT			
5	FOLLOWING PAGE 14877			
6	GPC-II-183A	Revised Version of Side A		
7		of Tape 99	14945	14946
8	Int-II-271	Document: 10-28-94		
9		Robinson to Milhcan	15035	15049

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## E X H I B I T S

2	<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
3	GPC II-202	2-1-95, LETTER, MCCOY	15124	15129
4	GPC II-203	2-1-95, LETTER, BOCKHOLD	15124	15129
5	CPC II-204	12-10-90, LETTER, HAIRSTON	15148	15177
6	GPC II-204 BOUND FOLLOWING PAGE 15166			
7	GPC II-205	11-25-91, LETTER, EBNETER	15149	
8	INT II-270	PREVIOUSLY IDENTIFIED PROVIDED 09-26-95		15212
9	STAFF II-52	QUALIFICATIONS ZIMMERMAN	15250	15256
10	STAFF II-53	QUALIFICATIONS REYES	15250	15256
11	STAFF II-52 & 53 BOUND FOLLOWING PAGE 15256			

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## 1 EXHIBITS

2	<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>	<u>IDENT</u>	<u>REC'D</u>
3	Int-II-83	Vogtle Special Team		
4		Inspection Report	15370	15413
5	Int-II-19A	Tape 25 Excerpt	15467	15469
6	Staff-II-76	Approval of Restart	15434	15436
7	Staff-II-67	Transcript of Tape 246	15461	15466
8	GPC-II-206	Georgia Power Company's		
9		RETAINED BY GEORGIA POWER response to the Board's		
10		interrogatory regarding		
11		revision to LER 90-006	15437	
12	GPC-II-207	Frederick Affidavit	15439	
13	GPC-II-208	RETAINED BY GEORGIA POWER Handfinger Affidavit	15442	15443
14	GPC-II-201	RETAINED BY GEORGIA POWER Duncan Affidavit	15444	15446
15	Int-II-22B-1	Tape 89 Side A Excerpt	15470	15471
16	GPC-II-120A	Staff Version of		
17		GPC-II-120	15472	
18	GPC-II-133A	Tape 69 Transcript	15473	
19	PREFILED TESTIMONY OF MR. HOBBY BOUND INTO TRANSCRIPT			
20	FOLLOWING PAGE 15296			

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I N D E X

EXHIBIT NO.                      DESCRIPTION                      IDENT      REC'D

"INTERVENOR'S SECOND LIST OF EXHIBITS TO BE ADMITTED"  
BOUND INTO THE TRANSCRIPT FOLLOWING PAGE 15492.

✓ 5 GPC-II-181A      Staff Version of GPC-II-181      15501      15501  
6                      Transcript of Tape 34 Side B  
7                      04-04-90

10-06-95

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION  
ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:  
Peter B. Bloch, Chair  
Dr. James H. Carpenter  
Thomas D. Murphy

---

In the Matter of	)	Docket Nos. 50-424-OLA-3
	)	50-425-OLA-3
GEORGIA POWER COMPANY	)	
<u>et al.</u>	)	Re: License Amendment
	)	transfer to Southern Nuclear)
(Vogtle Electric Generating	)	
Plant, Unit 1 and Unit 2)	)	ASLBP No. 93-671-01-OLA-3

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INTERVENOR'S SECOND LIST OF EXHIBITS TO BE ADMITTED

<u>INTERV.</u>	<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>
II-4	PROVIDED 05-17-95	Transcript Tape 99 tr. 48-51
II-4A		GPC/NRC VER. Transcript Tape 99
II-8	PROVIDED 05-17-95	Transcript Tape 8
II-8A		Transcript Tape 8 (Joint Exhibit)
II-9	PROVIDED 05-17-95	Transcript Tape 10
II-9A		GPC/NRC VER. Transcript Tape 10
II-11*	PROVIDED 05-17-95	ISA Standard ISA-S7
II-14	PROVIDED 05-17-95	NUREG-1410 pictures of control air tubing pp3-49 & J-33
II-21	PROVIDED 05-17-95	Transcript of Tape 32
II-21A		Transcript of Tape 32(Joint exhibit)
II-22	PROVIDED 05-17-95	Transcript of Tape 89

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\* indicates the use of the exhibit is limited to the extent discussed on the record.

10-06-95

II-23 PROVIDED 05-17-95 Transcript of Tape 29  
II-23A GPC/NRC VER. Transcript of Tape 29  
II-24 PROVIDED 07-17-95 April 9 letter  
II-51 PROVIDED 05-17-95 Transcript of Tape 7  
II-51A Transcript of Tape 7 (Joint Exhibit)  
II-70\* PROVIDED 05-17-95 Handwritten notes of Jim Bailey for 4-9-90  
presentation  
II-81\* PROVIDED 07-17-95 Outage Turnover Log 3-15 to 4-6-90  
II-84 PROVIDED 05-17-95 Transcript of Tape 24  
II-90 PROVIDED 07-17-95 Transcript of Tape 27  
II-94 PROVIDED 05-17-95 Transcript of Tape 32  
II-94A NRC ver. Transcript of Tape 32  
II-94B GPC ver. Transcript of Tape 32  
II-118A Transcript of Tape 24  
II-153\* Page 12-136 of CRC Handbook of Chemistry  
II-170A Staff ver. Transcript of Tape 207, side A  
II-196\* MWO 19001576, 3/30/90  
II-215\* Alnor Calibrations Records  
II-216\* Johnston Memo 5-11-90  
II-217\* I & C log 4/5-8/90  
II-222\* Cooper Outage Logbook  
II-223\* Johnston's Outage notes  
II-225\* Correspondence on 7-90 start air valve  
problem  
II-227\* Correspondence on pneumatic control comp  
testing

10-06-95

II-132A

Staff Ver. Transcript of Tape 3

II-237A

Staff Ver. Transcript of Tape 218

Also to be admitted are the following:

Staff II-35A

Staff Ver. Transcript of Tape 157

Staff II-16A

Staff Ver. Transcript of Tape 160

17257

07-06-95

DOCKET NUMBER 8246  
PROD. & UTIL. FAC. 50-424/425-  
DOCKETED 0LA-3  
USNRC

EXHIBITS

EXHIBIT NO.	DESCRIPTION	IDENT	REC'D
1			
2			
3	Pre-filed Testimony of Allen Mosbaugh	8248	8263
4	Intervenor 6, 27, 30, 32, 34, 35,		
5	<u>39</u> , 45, 50, 53, 58, 63, 68, 71,		
6	72, 76, 85, 92 and 110(A)	8268	8269
7	Int-II-76 Tape Transcript	8274	8275
8	Demonstrative Differential Thermal		
9	Aid 13 Expansion Calculations	8283	8283
10	GPC-II-94 Mosbaugh Allegations		
11	To NRC	8365	8367
12	GPC-II-95 Mosbaugh Affidavit		
13	Dated 05/23/91	8370	8372
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OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH

OCT 26 P4



E X H I B I T S  
DOCKETED  
USNRC

EXHIBIT NO.	DESCRIPTION	IDENT	REC'D
3	Board's 12 Tape 58 & enhanced Tape 58 RETAINED BY BOARD	15554	15554
4	GPC's II-104 Transcript of Tape 32 PROVIDED 07-11-95	*	15521
5	GPC's II-129 Work req. prgm procedure PROVIDED 07-19-95	*	15521
6	Int II-19A RETAINED BY INTERVENOR	*	15548
7	Int II-39A OI report	15549	
8	Int II-52 Pages from Shipman notebook PROVIDED 05-17-95	*	15519
9	Int II-66 Hairston phone log PROVIDED 05-17-95	*	15521
10	Int II-97 Excerpt McCoy Depo. (9/90)	*	15530
11	INTERVENOR'S II-108 DENIED ADMITTANCE ON PAGE 31.		
12	Int II-111 GPC II-136	*	15542
13	INTERVENOR'S II-118 WITHDRAWN ON PAGE 15548.		
14	INTERVENOR'S II-172 WITHDRAWN ON PAGE 15518.		
15	INTERVENOR'S II-178 WITHDRAWN ON PAGE 15518.		
16	INTERVENOR'S II-189 WITHDRAWN ON PAGE 15518.		
17	INTERVENOR'S II-213A WITHDRAWN ON PAGE 15518.		
18	INTERVENOR'S II-238 DENIED ADMITTANCE ON		
19	PAGE 15543.		
20	Int II-272 Glenn Deposition Pages 8-11	15521	15522
21	BOUND INTO TRANSCRIPT FOLLOWING PAGE 15522		
22	LIST OF STIPULATIONS ATTACHED TO INT II-272		
23	BOUND INTO TRANSCRIPT FOLLOWING PAGE 15522		
24	Staff II-68 generic letter PROVIDED 08-24-95	*	15521
25	*Previously marked for identification.		

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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ATOMIC SAFETY AND LICENSING BOARD

HEARING

-----X

In the matter of: : 50-424-OLA-3  
GEORGIA POWER COMPANY, et al. : 50-425-OLA-3  
: Re: License Amendment  
(Vogtle Electric Generating : (transfer to  
Plant, Unit 1 and Unit 2) : Southern Nuclear)  
: ASLBP No. 93-671-01-OLA-3

-----X

Wednesday, October 11, 1995  
Hearing Room T 3B45  
Two White Flint North  
11545 Rockville Pike  
Rockville, Maryland

The above-entitled matter came on for hearing,  
pursuant to notice, at 2:00 p.m.

BEFORE:

PETER B. BLOCH Chairman  
JAMES H. CARPENTER Administrative Judge  
THOMAS D. MURPHY Administrative Judge

DS 42