

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

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

AFFIDAVIT OF KENNETH C. STOKES

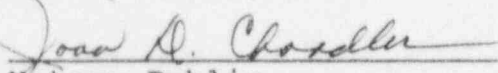
I, Kenneth C. Stokes, being duly sworn, state as follows:

1. I am currently employed by Georgia Power Company as Senior Engineer, Vogtle Electric Generating Plant.
2. I am duly authorized to verify Georgia Power Company's Fourth Supplemental Response to Allen L. Mosbaugh's Third Set of Interrogatories and Request for Documents.

I hereby certify that the statements and opinions in such response are true and correct to the best of my personal knowledge and belief.

  
Kenneth C. Stokes

Sworn to and subscribed  
before me this 13~~th~~ day  
of September, 1995.

  
Notary Public  
My commission expires:  
Feb. 18, 1997

MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
18809080	01/20/89	1A/K01	27.3	D. HUTCHINS	NONE NOTED
18901008	03/01/89 03/03/89 03/13/89	1A/K02 1A/K02 1A/K02	78 70 53.9	J. BROOKS " J.R.	COMPRESSOR NOT COMING ON AUTOMATICALLY, FAN IN A BIND. COMPRESSOR FREON WAS DISCHARGED AND THEN RECHARGED. PURGED RECEIVER. ADDITIONAL RECEIVER PURGES.
18900984	03/16/89	1A/K01 1A/K02	22.6 20.1	D. ELROD	NONE NOTED
18901066	05/18/89	1A/K02	78	D. LOHRMAN	MWO 18902188 WRITTEN TO INVESTIGATE AND CORRECT PROBLEM WITH K02
19000899	03/09/90	1A/K01 1A/K02	61 66	T. WILLIS	RETESTED 3/12/90 K01 = 48 K02 = 45
19001513	03/29/90	1A/K01 1A/K02	80 60	D. LOHRMAN "	CLEANED CONDENSING UNITS, MWO 19001651 INITIATED
19001651	04/05/90, 1800 EST 04/05/90, 2030 EST 04/06/90, 0005 EST 04/06/90, 0425 EST 04/06/90, 0930 EST 04/06/90, 1530 EST 04/06/90, 1700 EST 04/07/90	1A/K01 1A/K02 1A/K01 1A/K02 1A/K01 1A/K02 1A/K01 1A/K02 1A/K01 1A/K02 1A/K01 1A/K02	86, 78 67, 77 83 85 85 85 85 85 80 70 80 NONE TAKEN 75 NONE TAKEN 75, 15, 75 80, 33, 78	D. THAMES " D. LOHRMAN " " " " " D. THAMES " " " " D. LOHRMAN "	BLEW DOWN AIR RECEIVERS AND USED DIFFERENT TEST EQUIPMENT. RETESTED 4/8/90 K01 = 34.2 K02 = 33.2

MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
19002652	06/05/90	1A/K01 1A/K02	12.9 10.6	R. CULPEPPER	USED ROOT VALVES WHICH WAS DETERMINED TO REPRESENT A MORE CONSISTENT MOISTURE CONTENT. RETESTED ON 06/06/90: K01 = 34.6 K02 = 41.4
18808981	01/12/89	1B/K01 1B/K02	28.7 27.3	C. BAKER	NONE NOTED
18900822	02/21/89	1B/K01 1B/K02	19 19.1	J. STROUSE	MWO 18901066 INITIATED
18901066	03/08/89	1B/K01	-2	D. LOHRMAN	MWO LEFT OPEN UNTIL PROPER TEST EQUIPMENT OBTAINED. RETESTED 05/17/89 K01 = 47 K02 = 45
	03/22/89	1B/K02	-12	"	
		1B/K01	-15	"	
		1B/K02	-27	"	
19001770	04/05/90	1B/K01	84	D. LOHRMAN	DC-1-90-186 WRITTEN. WRT WRITTEN. RETESTED 4/8/90 WITH DIFFERENT INSTRUMENT: K01 = 44.5 K02 = 36.6
	04/07/90	1B/K02	82	"	
		1B/K01	85, 18, 80	"	
		1B/K02	75, 18, 82	"	
19002901	06/22/90	1B/K01	80.2	B. BERRY	DRYER K01 FOUND NOT RUNNING
19004257	11/06/90	1B/K02	60	B. BERRY	DRYER INOPERABLE REF: MWO 19004394; DC-1-90-408 WRITTEN
	11/08/90	"	64.4	"	
19004394	11/15/90	1B/K02	60.2 70.8	B. BERRY	REPLACED FAN MOTOR, COMPRESSOR, AND CONTROL BOX, PURGED RECEIVER TANK; DC-1-90-412 WRITTEN; RETESTED 11/23/90: K02 = 46.9
28902500	04/17/89	2A/K01	50.2	D. ELROD	NONE NOTED
		2A/K02	50.8		
28903859	06/21/89	2A/K01	-13.5	J. ALLBROOK	MWO 28904592 INITIATED
		2A/K02	-11.5		
28904220	07/13/89	2A/K01	27.5	J. ALLBROOK	INCREASED RECEIVER PRESSURE TO 240 LBS, RETESTED: K01 = 35, K02 = 48
		2A/K02	17.5		
28906680	01/22/90	2A/K01	15	D. THAMES	RETESTED AT ELEVATED PRESSURE ON 01/25/90: K01 = 42 K02 = 44
		2A/K02	16		

MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
29000964	04/07/90	2A/K01 2A/K02	85, 30, 82 95, 30, 85	D. LOHRMAN "	RETESTED 04/08/90 WITH DIFFERENT INSTRUMENT K01 = 43.9 K02 = 60.9
	04/08/90	2A/K02	61.4, 60.9	N. LEFTWICH	
	04/09/90	2A/K02	61.6	B. BERRY	
	04/10/90	2A/K01 2A/K02	69.8, 61.5 64.1, 50.9	G. GOODWIN "	
	04/11/90	2A/K01 2A/K02	57.4, 57.2 62.6, 54.1	" "	BLOW DOWN PERFORMED ON RECEIVERS. RETESTED ON 04/14/90: K01 = 43.8 K02 = 47.3
29001786	06/07/90	2A/K01 2A/K02	6.4 6.3	R. CULPEPPER	RECHECKED ON 06/07/90 USING ROOT VALVES: K01 = 40.5 K02 = 44.3
29003203	08/10/90	2A/K02	64.5	M. JOHNSON	MWO 29003609 WRITTEN TO INVESTIGATE
29004070	10/04/90	2A/K01 2A/K02	74.1 84.3	D. AQUINDE "	BLEW DOWN AIR RECEIVER AND RETESTED ON 10/05/90 K01 = 48.1 K01 = 48.7
28905790	11/16/89	2B/K01	17	J. BURROUGHS	DC 2-89-1502 WRITTEN. RETESTED K01 = 34
29001021	04/07/90	2B/K01 2B/K02	75, -10, 85 80, 10, 80	D. LOHRMAN "	RETESTED USING DIFFERENT SENSOR: K01 = 33.7 K02 = 44.4
29004432	10/07/90	2B/K01	74.8	B. BERRY	BLOW DOWN AIR RECEIVER. DRAIN WATER FROM DRYER. DC 2-90-231 WRITTEN. MWO 29004839 WRITTEN
	10/08/90	2B/K01	78.4	"	
	10/11/90	2B/K01	78	"	
29004839	10/24/90	2B/K01	58.9	J. FAIRES	RETESTED ON 10/26/90: K01 = 38.4

MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
18809080	01/20/89	1A/K01	27.3	D. Hutchins	NONE NOTED
18901008	03/01/89 03/03/89 03/13/89	1A/K02 1A/K02 1A/K02	78 70 53.9	J. BROOKS * J.R.	COMPRESSOR NOT COMING ON AUTOMATICALLY, FAN IN A BIND. COMPRESSOR FREON WAS DISCHARGED AND THEN RECHARGED. PURGED RECEIVER. ADDITIONAL RECEIVER PURGES.
18900984	03/16/89	1A/K01 1A/K02	22.6 20.1	D. ELROD	NONE NOTED (ACTUAL DUE POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER)
18901066	05/18/89	1A/K02	78	D. LOHRMAN	MWO 18902188 WRITTEN TO INVESTIGATE AND CORRECT PROBLEM WITH K02
18902188	07/06/89	1A/K01	75	D. THOMPSON	REPLACED AIR DRYER; RETESTED: K02 = 48
19000899	03/09/90	1A/K01 1A/K02	61 66	L. WILDER T. WILLIS	RETESTED 3/12/90 K01 = 48 K02 = 45
19001513	03/31/90 03/29/90	1A/K01 1A/K02	80 60	M. WILKENS D. LOHRMAN	CLEANED CONDENSING UNITS, MWO 19001651 INITIATED

MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
19001651	04/05/90, 1800 EST	1A/K01	86.78	D. THAMES	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) BLEW DOWN AIR RECEIVERS AND USED DIFFERENT TEST EQUIPMENT. RETESTED 4/8/90: K01 = 41.3 34.2 K02 = 36.2 33.2
	04/05/90, 2030 EST	1A/K02	67.77	"	
		1A/K01	83	D. THAMES D. LOHRMAN	
		1A/K02	85	"	
	04/06/90, 0005 EST	1A/K01	85	"	
		1A/K02	85	"	
	04/06/90, 0425 EST	1A/K01	85	"	
		1A/K02	85	"	
	04/06/90, 0930 EST	1A/K01	80	D. THAMES	
		1A/K02	70	"	
19002652	04/06/90, 1530 EST	1A/K01	80	"	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) USED ROOT VALVES WHICH WERE DETERMINED TO REPRESENT A MORE CONSISTENT MOISTURE CONTENT. RETESTED ON 06/06/90: K01 = 34.6 K02 = 41.4
	04/06/90, 1700 EST	1A/K02	NONE TAKEN	"	
		1A/K01	75	"	
		1A/K02	NONE TAKEN	"	
	04/07/90	1A/K01	75, 15, 75	DJL (?) D. LOHRMAN	
		1A/K02	80, 33, 78	"	
18808981	06/09/90 06/05/90	1A/K01	12.9	R. CULPEPPER	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) USED ROOT VALVES WHICH WERE DETERMINED TO REPRESENT A MORE CONSISTENT MOISTURE CONTENT. RETESTED ON 06/06/90: K01 = 34.6 K02 = 41.4
		1A/K02	10.6		
18900822	02/21/89	1B/K01	28.7	C. BAKER	NONE NOTED
		1B/K02	27.3		
18901066	03/08/90 03/08/89	1B/K01	19	J. STORM STROUSE	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) MWO 18901066 INITIATED
		1B/K02	19.1		
18901066	03/22/90 03/22/89	1B/K01	-2	D. LOHRMAN	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) MWO LEFT OPEN UNTIL PROPER TEST EQUIPMENT OBTAINED. RETESTED 05/17/89 K01 = 47 K02 = 45
		1B/K02	-12		
		1B/K01	-15		
		1B/K02	-27		
18903217	08/16/89	1B/K01	-20	D. THAMES	NONE (ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER). CONVERTED READINGS PER CHART IN ALNOR MANUAL: K01 = 38 K02 = 41
		1B/K02	-22		



MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
18905009	11/13/89	1B/K01 1B/K02	-5 -10	B. ROUYER	NONE (ACTUAL DOW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) CONVERTED READINGS PER CHART IN ALNOR MANUAL: K01 = 38 K02 = 32
19001770	04/05/90 04/07/90	1B/K01 1B/K02 1B/K01 1B/K02	84 82 85, 18, 80 75, 18, 82	D. THOMAS LOHRMAN " " "	(ACTUAL DUE POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) BLEW DOWN AIR RECEIVERS AND RETESTED 4/8/90: K01 = 44.5 K02 = 42.5  DC-1-90-186 WRITTEN. WRT WRITTEN. RETESTED 4/8/90 WITH DIFFERENT INSTRUMENT: K01 = 44.5 K02 = 36.6
19001778	04/08/90	1B/K01 1B/K02	84 83	JEROME JACKSON	FOUND TEST EQUIPMENT OUT OF CALIBRATION. MWO VOIDED, FOUND ACCEPTABLE ON 4/8/90 V.P. MWO 19001770
19002901	06/22/90	1B/K01	80.2	B. BERRY	DRYER K01 FOUND NOT RUNNING
19004257	11/08/90 11/06/90 11/08/90	1B/K02 "	60 64.4	B. BERRY "	DRYER INOPERABLE REF: MWO 19004394; DC-1-90-408 WRITTEN
19004394	11/15/90	1B/K02	62 60.2 70.8	B. BERRY	REPLACED FAN MOTOR, COMPRESSOR, AND CONTROL BOX, PURGED RECEIVER TANK; DC-1-90-412 WRITTEN; RETESTED 11/23/90: K02 = 46.9
28902500	04/17/89	2A/K01 2A/K02	50.2 50.8	D. ELROD	NONE NOTED
28903859	06/21/89	2A/K01 2A/K02	-13.5 -11.5	J. ALLBROOK	(ACTUAL DUE POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) MWO 28904592 INITIATED
28904220	07/13/89	2A/K01 2A/K02	27.5 17.5	J. ALLBROOK	(ACTUAL DUE POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) INCREASED RECEIVER PRESSURE TO 240 LBS. RETESTED: K01 = 35, K02 = 48

MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
28904592	08/01/89	2A/K01 2A/K02	87 86	D. HINES	CONVERTED READING PER CHART IN ALNOR MANUAL: K01=49 K02=48
28906680	01/25/90 01/22/90	2A/K01 2A/K02	-41 15 -40 16	W. TEATER D. THAMES	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) RETESTED AT ELEVATED PRESSURE ON 01/25/90: K01 = 42 K02 = 44
29000964	04/07/90	2A/K01 2A/K02	85, 30, 82 <del>69.8, 61.5</del> 95, 30, 85 <del>64.1, 50.9</del>	N. LEFTWICH D. LOHRMAN "	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) BLEW DOWN AIR RECEIVER AND CHECKED WITH DIFFERENT SENSOR RETESTED ON 04/08/90 WITH DIFFERENT INSTRUMENT: K01 = 43.9 K02 = 60.9  BLOW DOWN PERFORMED ON RECEIVERS. RETESTED ON 04/14/90: K01 = 43.8 K02 = 47.3
	04/08/90	2A/K01 2A/K02	61.4, 60.9	B. BERRY N. LEFTWICH	
	04/09/90	2A/K02	61.6	B. BERRY	
	04/10/90	2A/K01 2A/K02	69.8, 61.5 64.1, 50.9	G. GOODWIN "	
	04/11/90	2A/K01 2A/K02	57.4, 57.2 62.6, 54.1	" "	
	04/14/90	2A/K01 2A/K02	43.8 47.3		
29001786	06/07/90	2A/K01 2A/K02	6.4 6.3	R. CULPEPPER	(ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) RECHECKED ON 06/07/90 USING ROOT VALVES: K01 = 40.5 K02 = 44.3
29003203	08/10/90	2A/K02	64.5	M. JENNING JOHNSON	MWO 29003609 WRITTEN TO INVESTIGATE
29003648	08/25/90	2A/K02	28.9	L. WILDER	NONE (ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) FOUND ACCEPTABLE
29004070	10/05/90 10/04/90	2A/K01 2A/K02	74.1 84.3	D. AQUINDE "	BLEW DOWN AIR RECEIVER AND RETESTED ON 10/05/90 K01 = 48.1 K01 = 48.7



MWO	DATE	EDG/DRYER	DEWPOINT IN DEGREES F	PERSON ASSIGNED TO TAKE READINGS	CORRECTIVE ACTION(S)
29003609	09/01/90	2A/K02	64.5	R. DIXON	FOUND BLOWN FUSE ON DRYER, REPLACED FUSE, RETESTED 11/4/90 AND FOUND ACCEPTABLE
28905790	11/16/89	2B/K01 2B/K02	17 -5	J. BURROUGHS	DC 2-89-1502 WRITTEN, (ACTUAL DUE POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER). RETESTED K01 = 34, K02 CONVERTED TO 38.
28906193	12/06/89	2B/K01 2B/K02	7 19	E. ALLEN	NONE (ACTUAL DEW POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) USED PROPER CONVERSION CHART K01 = 35 K02 = 50
29001021	04/06/90 04/07/90	2B/K01 2B/K02	75, -10, 85 80, 10, 80	N. LEEDWICH, D. LOHRMAN	(ACTUAL DUE POINT BELOW 32.0 DEGREES F IS NOT POSSIBLE WITH THE VOGTLE TYPE AIR DRYER) BLEW DOWN AIR RECEIVER AND RETESTED USING DIFFERENT SENSOR: K01 = 39.5 33.7 K02 = 44.5 44.4
29004432	10/10/90 10/07/90 10/08/90 10/11/90	2B/K01 2B/K01 2B/K01	74.8, 78.4 78.4 78	B. BERRY	SEE MWO 29004839 BLOW DOWN AIR RECEIVER, DRAIN WATER FROM DRYER. DC 2-90-231 WRITTEN. MWO 29004839 WRITTEN
29004839	10/26/90 10/24/90	2B/K01	58.9	J. FAIRES	RETESTED USING DIFFERENT SENSOR ON 10/26/90. K01 = 38.4

DOCKETED  
USNRC

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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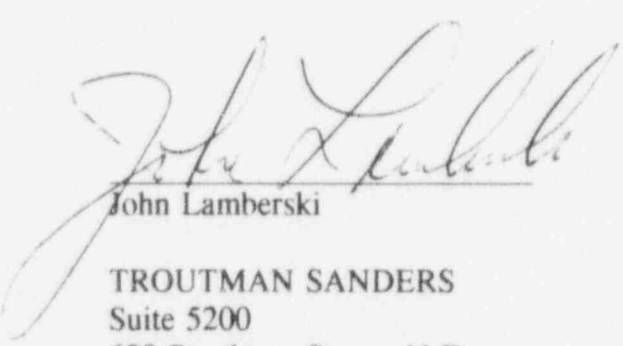
Before the Atomic Safety and Licensing Board

OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH

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

CERTIFICATE OF SERVICE

I hereby certify that copies of Georgia Power Company's Fourth Supplemental Response to Allen L. Mosbaugh's Third Set of Interrogatories and Request for Documents, dated September 13, 1995, were served by hand-delivery (as indicated by an asterisk) or first-class mail upon the persons listed on the attached service list this 13th day of September, 1995.

  
John Lamberski

TROUTMAN SANDERS  
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(404) 885-3360

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

In the Matter of  
GEORGIA POWER COMPANY,  
et al.

(Vogtle Electric  
Generating Plant,  
Units 1 and 2)

\* Docket Nos. 50-424-OLA-3  
\* 50-425-OLA-3  
\*  
\*  
\* Re: License Amendment  
\* (Transfer to Southern  
\* Nuclear)  
\*  
\* ASLBP No. 93-671-01-OLA-3

SERVICE LIST

\* Administrative Judge  
Peter B. Bloch, Chairman  
Atomic Safety and Licensing  
Board  
U.S. Nuclear Regulatory  
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\* Administrative Judge  
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\* Administrative Judge  
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Washington, D. C. 20555  
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