

I-MDSBA-215

DOCKETED
USNRC

95 OCT 20 P5:13

HISTORY

OFFICE OF SECRETARY
DOCKETING & SERVICE

I.D. NUMBER VP-2466

CALIBRATION INTERVAL 6 Months

CAL PROCEDURE OFF Site

MANUFACTURER ALWOR

MODEL NO. 7200V

SERIAL NO. 24355

Reviewed & Approved By I&C Supervisor James Auplin Date 10-28-86

DATE OF LAST CAL	CAL DUE DATE	ACCEPT	NON-ACCEPT	DATE OF LAST CAL	CAL DUE DATE	ACCEPT	NON-ACCEPT
27 OCT 86	27 APR 88	✓					
7-17-87	1-17-88		✓				
4-1-88	10-1-88		✓				
extended	4-1-89		✓				
9-7-89	3-7-90		✓				
extended	4-7-90						
5-15-91	11-15-91	✓					
<u>Deleted</u>							

NUCLEAR REGULATORY COMMISSION

Docket No. 50-424/425-OLA EXHIBIT NO. II-215

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

Staff Applicant Intervenor Other

Identified Received Rejected Reporter

Date 10/6/95 Witness

9512290245 951006
PDR ADOCK 05000424
G PDR

ALNOR

VP-246;
2466

August 15, 1991

Mr. Greg Fletcher
Georgia Power Company
Plant Vogtle
P.O. Box 1600
Material Engineering Group
Waynesboro, GA 30830

Dear Mr. Fletcher;

Your DEWPOINTER Model 7200U F sn 24355 was calibrated with a Certificate of Traceability on May 5, 1991. The radiation source was Radium-226. The unit was returned to Alnor Instrument Company on June 13, 1991 to have Americium -241 installed which was done on June 20, 1991. Since the change of radiation source from Radium to Americium has no impact on the performance of the DEWPOINTER in determining dewpoints of gases. The data sheet is therefore valid.

If you have any questions, please feel free to contact me.

Regards,



Robert Tollick
Customer Service

PAT

ALNOR INSTRUMENT COMPANY
7565 North Linder Avenue
St. Louis, MO 63077

Telephone (708) 677-3500
Teletex (708) 677-3538

708-677-3500

VP-2466

NO: 1000

ALNOR INSTRUMENT COMPANY

DEWPOINTER GENERAL LICENSEE RECORD

COMPANY NAME: General Electric Co - Georgia Power

COMPANY ADDRESS: 10000 Peachtree Dunwoody Rd TOWN Lawrenceville STATE GA ZIP 30046

SALES ORDER NO: AFR 631054

CONTACT PERSON RESPONSIBLE FOR THE SAFE INSTALLATION AND OPERATION OF THE GENERAL LICENSEE FACILITY:

NAME: John H. ... POSITION: Supv

TELEPHONE: 404-330-4306 EXTENSION: _____

PERSON CONTACTED: _____ POSITION: _____

DATA TAKEN BY: John H. ... DATE 6/20/91

CHECK WHETHER AMERICIUM 241 OR RADIUM 226 IS USED > CHECK ONE Am-241 Ra-226

DEWPOINTER MODEL NUMBER: <u>72201</u>	SERIAL NUMBER: <u>24355</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEWPOINTER MODEL NUMBER: _____	SERIAL NUMBER: _____	<input type="checkbox"/>	<input type="checkbox"/>
DEWPOINTER MODEL NUMBER: _____	SERIAL NUMBER: _____	<input type="checkbox"/>	<input type="checkbox"/>
DEWPOINTER MODEL NUMBER: _____	SERIAL NUMBER: _____	<input type="checkbox"/>	<input type="checkbox"/>

CHECK ONE
NEW UNIT _____ CHANGE FROM SPECIFIC TO GENERAL LICENSE _____ REPAIR ADD SOURCE

QA APPROVAL _____ OK TO SHIP: SMC DATE 6/20/91

WHITE/Radiation Safety Officer YELLOW/Sales Order PINK/Customer

ALNOR

Certificate of Traceability

EQUIPMENT LIST

PART NUMBER	MODEL NUMBER	TYPE	SERIAL NUMBER
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658-001-002

7200U

DEWPOINTER

24355

Ra-226

STANDARD USED:
EG&G DEWPOINT HYDROMETER
MODEL 66082 SERIAL #S2033R

ACCEPTANCE CRITERIA
FOR DEWPOINTER : +/- 5 DEG F

STD CAL DUE 01/07/92

ACCURACY RATIO IS 10:1

The Alnor Instrument Company hereby Certifies that the above designated equipment was found to meet or exceed manufacturing specifications. This equipment has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology (NIST, formerly NBS) within the limits of the bureau's calibration service. Our calibration system requirements meet or exceed the requirements of the following: MIL STD 45662A
MIL-I-45208A

"AFTER DATA"

NBS Test No. H-4293

Transfer Std. No. QA 619

FORM 115-066-060 REV 6

ALNOR INSTRUMENT COMPANY
7846 N. LINDEN AVENUE
SKOKIE ILLINOIS 60077
(708) 877-8600
TELEFAX (708) 877-8630

Date Tested: 5/15/91

Tested By E. SZYBCEYK

Reduced By Robert Schmidt
MEMBER OF QUALITY ASSURANCE

Date 5/15/91

S.O.	<u>600585</u>
P.O.	<u>09A-15741-01</u>
	<u>13522</u>

G.E. Co.'s End Customer P.O. #6002171/REL46
G.E. Co.'s End Customers Control #VP-2466

HJ-05-1994 12:39 FROM UGILE TECH. SUPPORT TO 9-14048853900 P.19

118-2760



CERTIFICATION DATA SHEET
DEWPOINTER

MODEL NO. 2200-V 1/2 SERIAL NO. 24355
CLIENT GEORGIA POWER CO. TEST NO. _____

- Rn-226
- An-241
- No Radioactive Material

TEST DEW POINT	DEWPOINTER INDICATIONS
<u>-48.9</u>	<u>-47</u>
<u>-14.8</u>	<u>-18</u>
<u>18.6</u>	<u>18</u>

Temperature Values Shown in °F °C

TEST DATA

STANDARD		ALNOR DEWPOINTER					
Frost Point (°F) For Alnor Reference	Dew Point Degrees	Chamber Ambient Degrees	Pressure Ratio	Fog Density	Compressed Sample Time	Dew Point Degrees	Error Degrees
-48.9	<u>-48.9</u>	<u>80</u>	<u>46</u>	<u>-</u>	<u>60 SEC.</u>		
-48.9	<u>-48.9</u>	<u>80</u>	<u>39</u>	<u>V.S.</u>	<u>"</u>	<u>-47</u>	<u>-2</u>
-48.9	<u>-48.9</u>	<u>80</u>	<u>46</u>	<u>-</u>	<u>"</u>		
-14.8	<u>-14.8</u>	<u>82</u>	<u>50</u>	<u>-</u>	<u>60 SEC.</u>		
-14.8	<u>-14.8</u>	<u>82</u>	<u>49</u>	<u>V.S.</u>	<u>"</u>	<u>-18</u>	<u>-3</u>
-14.8	<u>-14.8</u>	<u>82</u>	<u>50</u>	<u>-</u>	<u>"</u>		
18.6	<u>18.6</u>	<u>83</u>	<u>65</u>	<u>-</u>	<u>60 SEC.</u>		
18.6	<u>18.6</u>	<u>83</u>	<u>64</u>	<u>V.S.</u>	<u>"</u>	<u>18</u>	<u>1</u>
18.6	<u>18.6</u>	<u>83</u>	<u>65</u>	<u>-</u>	<u>"</u>		

ALNOR INSTRUMENT COMPANY
7555 N. LINDER AVE.
SKOKIE ILLINOIS 60077
FORM 119-000-006 REV 4

[Handwritten Signature]
8-16-91

DATE TESTED: 5-15-91
TESTED BY: *[Handwritten Signature]*