

ATTACHED IS A PART 21 REPORT FROM IE MAIL UNIT - ROOM 359E/W

PART 21 IDENTIFICATION NO. 79-136-001 COMPANY NAME Vapco

DATE OF LETTER 7/2/79 DOCKET NO. 50-339

DATE DISTRIBUTED 7/17/79 ORIGINAL REPORT ☐ SUPPLEMENTARY ☒

DISTRIBUTION:

REACTOR(R) ☒

FUEL CYCLE & ☐

SAFEGUARDS(S) ☐

MATERIALS(M)

NRR/DOR, DIRECTOR

AD/FFMSI

AD/SG-IE

NRR/DPM DIRECTOR

NMSS/FCMS

AD/ROI

AD/ROI (2)

REGIONS

REGIONS

AD/RCI

IE FILES

NRR/DOR, DIRECTOR

REGIONS

PDR

NMSS/SG SS-881

IE FILES (2)

LPDR

PDR

CENTRAL FILES

CENTRAL FILES-SS-396

LPDR

CENTRAL FILES (CHRON)

CENTRAL FILES(CHRON)  
(016)

TERA

PDR

IE FILES (2)

LPDR

CENTRAL FILES 016

TERA

BOB DENNIG, MPA

CENTRAL FILES (CHRON)

BOB DENNIG, MPA

CENTRAL FILES - SS-396

BOB DENNIG, MPA

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOW-UP AS SHOWN BELOW:

IE ☒

NRR ☐

NMSS ☐

OTHER ☐

RCI  
ROI  
SG  
FFMSI

656333

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REV. 3/5/79

# DATA SHEET

## 10 CFR PART 21 REPORT IDENTIFICATION AND RECORDING OF IE ACTIONS

PART 21 IDENTIFICATION NO. <u>79-136-001</u>		AITS	
NAME(S) OF LICENSEE(S), VENDOR(S) PERSON(S) OR OTHER ORGANIZATION(S) REPORTING <u>Yapco</u> <u>Sam C. Brown, Jr.</u>			
GENERAL SUBJECT OF REPORT			
DATE OF INITIAL NOTIFICATION (48 HOUR REPORT)		DATE(S) OF PART 21 REPORT(S), (5 DAY & SUPPLEMENT) <u>7/2/79</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u>	
FACILITY(IES) INVOLVED: <u>50-339</u>			
RESPONSIBLE IE ORGANIZATION(S)			
LEAD = 1	SUPPORTIVE = 2	FF&MSI	SI
			RCI
			ROI
IE ACTIONS — CHECK OR PROVIDE DATA AS APPROPRIATE			
LIST OTHER NRC OFFICES INFORMED			
DISCUSSED WITH INITIATOR?	YES	NO	REPORT IS REQUIRED UNDER PART 21?
DATE:			
REQUEST MADE FOR ADDITIONAL INFO?			INQUIRY?
DATE RECEIVED:			
PRESS RELEASE(S)			INSPECTION?
REVIEWED FOR POTENTIAL A/O (MC 1110)			INVESTIGATION?
DATE:			
TRANSFERRED TO OTHER NRC OFFICE?			ENFORCEMENT?
BULLETIN ISSUED? NO.			CORRECTIVE ACTION TAKEN?
DATE OF CLOSEOUT:			CIRCULAR ISSUED?
			NO
CLOSEOUT METHOD:			
IE REPORT NUMBERS:			
DATE OF FINAL REVIEW & DISTRIBUTION: (XOOS)			
ADDITIONAL COMMENTS:			

(Use other side of form if additional space is required)

7/1/78

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# Vepco

USNRC RECEIVED  
ATLANTA

VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

10 JUL 5 09:50

July 2, 1979

Mr. James P. O'Reilly, Director  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Serial No. 539  
PSE&C/GLP:adw:mc

Docket No. 50-339

Dear Mr. O'Reilly:

On June 27, 1979, a report was made under the provisions of 10CFR50.55(e) concerning errors that can occur in steam generator levels during accident conditions.

In accordance with the reporting requirements of 10CFR21, the following information is submitted:

A. Name and address of reporting individual:

Mr. E. A. Baum, Executive Manager  
Licensing and Quality Assurance  
Virginia Electric and Power Company  
P. O. Box 26666  
Richmond, Virginia 23261

B. Facility, activity, and/or component affected:

North Anna Power Station, Unit 2  
Steam Generator Level Indication and  
Trip Signals.

C. Name of firm constructing the facility or supplying the component, activity or service:

Westinghouse Electric Corporation  
P. O. Box 355  
Pittsburgh, Pennsylvania 15230

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D. Description of defect, deficiency, or failure to comply:

We are informed by Westinghouse that the heating of the Steam Generator level reference legs following a high energy line break inside containment was not taken into account during the original Westinghouse analysis.

An increase in reference leg water column temperature will result in a decrease of the water column density with a consequent apparent increase in the indicated steam generator water level (i.e., apparent level exceeding actual level). The error could result in a delay in reaching the Low Steam Generator Level Reactor trip. This could occur when the temperatures in the containment are in excess of 110°F.

E. Date of determination of reportability:

June 27, 1979

F. Similar components, activities, or services:

North Anna Unit 1, Surry Units 1 and 2

G. Corrective action which has been, is being or will be taken, the individual responsible and the length of time to complete the action:

The problem is being analyzed by Westinghouse to determine the necessary actions to be taken, if any, to insure that these errors are accounted for and that the appropriate safety system actions will occur as required in the safety analysis for this plant. The analysis is being performed as expeditiously as possible, the results should be available within a very short period of time.

H. Other information:

We feel that no immediate action is required at this time, a final report should be available as a part of the 30 day report on this item.

POOR ORIGINAL

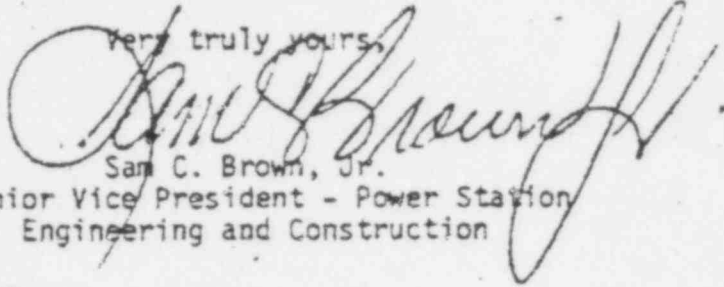
656336

Mr. James P. O'Reilly

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Should you require further information, please contact this office.

Very truly yours,

A large, stylized handwritten signature in dark ink, likely belonging to Sam C. Brown, Jr. The signature is fluid and cursive, with a large initial 'S' and 'C'.

Sam C. Brown, Jr.  
Senior Vice President - Power Station  
Engineering and Construction

cc: Director, Office of Inspection  
and Enforcement

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