

PART 21 IDENTIFICATION NO. 80-257-002 COMPANY NAME U2pc0  
DATE OF LETTER 8/6/80 DOCKET NO. 50-404, 50-405  
DATE DISTRIBUTED 8/12/80 ORIGINAL REPORT  SUPPLEMENTARY

DISTRIBUTION:

REACTOR (R)

IE FILES

AD/ROI (2)

AD/RCI

REGIONS I,II,III,IV,V

VENDOR BR. R-IV

LOEB / MPA MNB 5715

AEOD MNB 7602

NRR/DOE

NRR/DSI

NRR/DST

NRR/DOL

ASLBP E / 450

FUEL CYCLE &

MATERIALS (M)

IE FILES

AD/FFMSI

REGIONS I,II,III,IV,V

VENDOR BR. R-IV

NMSS / FCMS SS-396

LOEB / MPA MNB 5715

AEOD MNB 7602

ASLBP E/W 450

SAP/SP MNB-7210A

SAFEGUARDS (S)

IE FILES

AD/SG

AD/ROI

REGIONS I,II,III,IV,V

VENDOR BR. R-IV

NRR/DOL

NMSS / SG SS-881

LOEB / MPA MNB 5715

AEOD MNB 7602

ASLBP E/W 450

CENTRAL FILES 016  
CENTRAL FILES (CHRON)  
PDR  
LPDR  
TERA

CENTRAL FILES 016  
CENTRAL FILES (CHRON)  
PDR  
LPDR  
TERA

CENTRAL FILES 016  
CENTRAL FILES (CHRON)  
CENTRAL FILES SS-396  
PDR  
LPDR  
TERA

THIS DOCUMENT CONTAINS  
POOR QUALITY PAGES

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE

NRR

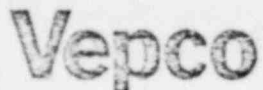
NMSS

OTHER

RCI  
ROI  
SG  
FFMSI

8008190059

REV. 8/1/80



August 6, 1980

80-257-002

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. 69.  
PSE&C/AES:bmt

Docket Nos. 50-404  
50-405

Dear Mr. O'Reilly:

On August 1, 1980 a report was made under the provisions of 10CFR50.55(e) concerning the possibility that the Bailey Control Company current or voltage buffer cards, PN6624610, could be installed improperly in the 820 buffer modules in the power channels of the Essential Control Instrumentation (ECI) Systems.

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, Units 3 & 4  
Bailey Control Company 820 buffer modules with PN6624610 buffer cards used in the Essential Control Instrumentation Systems.

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

Babcock & Wilcox Company  
P. O. Box 1260  
Lynchburg, Virginia 24505

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

It has been determined by the Babcock & Wilcox Company that it is possible to interpret a statement in the Bailey Control Company product Instruction Book E92-79 for inputting buffer cards for the ECI Systems to mean that these cards may be replaced without remov-

ing the buffer module. In doing so, it is possible, during field changes, to improperly install at least one card in each of the power channels resulting in a potential loss of power to both channels. By removing the buffer module prior to installation of the card, a visual inspection can be conducted to insure that the card has been installed properly.

E. Date of determination of reportability:

August 1, 1980

F. Similar components, activities, or services:

None

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

Babcock & Wilcox reported this problem to Victor Stello, Director, Office of Inspection and Enforcement, United States Nuclear Regulatory Commission, via a letter dated July 18, 1980. In this letter, Babcock & Wilcox recommended rewording the maintenance instructions in the Bailey Control Company product Instruction Book E92-79 to require removal of the buffer modules prior to installation of the buffer cards so as to insure proper installation of the cards. The reworded instruction book would be provided to VEPCO as soon as it is available.

VEPCO is currently evaluating the Babcock & Wilcox recommendations and we will consider this to be the final report on this subject unless it is decided to implement corrective actions above and beyond those recommended by Babcock & Wilcox.

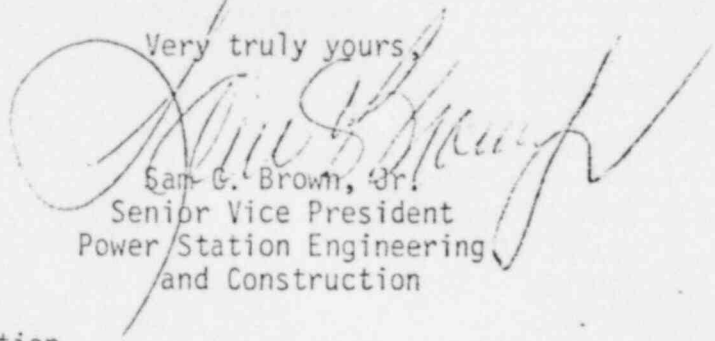
H. Other information:

None

If no other actions are required to correct the problem described in Section D of this report, we will consider this to be the final report under the provisions of 10CFR50.55(e).

Should you require further information, please contact this office.

Very truly yours,

A large, stylized handwritten signature in dark ink, appearing to read "Sam G. Brown, Jr.", is written over the typed name and title.

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

cc: Director, Office of Inspection  
and Enforcement (3)