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SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE BOX 764

COLUMBIA, SOUTH CAROLINA 29218

E. H. CREWS, JR.  
VICE-PRESIDENT AND GROUP EXECUTIVE  
ENGINEERING AND CONSTRUCTION

March 11, 1980 17 AIO: 54

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

Subject: Virgil C. Summer Nuclear Station  
IE Bulletin 80-03  
Re: NRC letter dated 2/6/80  
Nuclear Engineering File 2.8950

Dear Mr. O'Reilly:

IE Bulletin 80-03 "Loss of Charcoal from Standard Type II, 2 Inch, Tray Adsorber Cells" required visual inspections of charcoal adsorber cells and a report in writing within forty-five (45) days. Visual inspections of the cells were made on all safety and non safety filter plenums. These include:

- (1) XAA-29A-AH Control Room Emergency Filter Plenum "A"
- (2) XAA-29B-AH Control Room Emergency Filter Plenum "B"
- (3) XAA-27-AH Controlled Access Charcoal Exhaust Plenum
- (4) XAA-12-AH Reactor Bldg. Purge Exhaust Plenum
- (5) XAA-4A-AH Reactor Bldg. Charcoal Clean-Up System Plenum "A"
- (6) XAA-4B-AH Reactor Bldg. Charcoal Clean-Up System Plenum "B"
- (7) XAA-40A-AH Auxiliary Bldg. Charcoal Exhaust Plenum "A"
- (8) XAA-40B-AH Auxiliary Bldg. Charcoal Exhaust Plenum "B"
- (9) XAA-21A-AH Fuel Handling Bldg. Charcoal Exhaust Plenum "A"
- (10) XAA-21B-AH Fuel Handling Bldg. Charcoal Exhaust Plenum "B"
- (11) XAA-21C-AH Fuel Handling Bldg. Charcoal Exhaust Plenum "C"

All the charcoal filter plenums are of type (HECA) and are supplied by CVI Corporation of Columbus, Ohio. They have been installed in their permanent location, but no charcoal has yet been loaded into the cells.

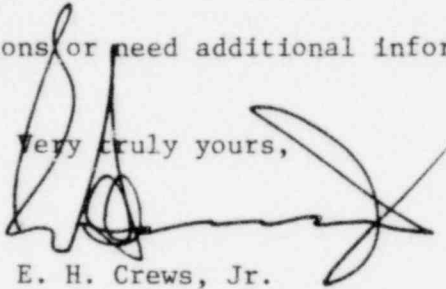
The inspection procedure consisted of entering each filter plenum and visually inspecting each cell for construction details and observing the screens for any abnormal sagging or buckling. The total area where the screens were attached to the frame was inspected for attachment method and uniformity. The cover plates on top of the plenums were removed and the interior of each cell was also inspected for screen condition and construction details.

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The inspections revealed that rivets were not used in the construction of the cells. The cells were constructed by spot welding the outer perimeter of the screen to the framework every two (2) inches. The condition of the cells was excellent and no screen sagging or degradation was noted. There were no indications that loss of charcoal could occur during handling, storage, or in service.

If you have any questions or need additional information, please let us know.

Very truly yours,

A handwritten signature in black ink, appearing to be 'E. H. Crews, Jr.', written over the closing 'Very truly yours,'. The signature is stylized and somewhat illegible due to its cursive nature.

E. H. Crews, Jr.

RBC:EHC:rh

cc: Division of Inspection & Enforcement  
Washington, D. C.

H. T. Babb  
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