

CENTRAL FILES

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

November 11, 1980

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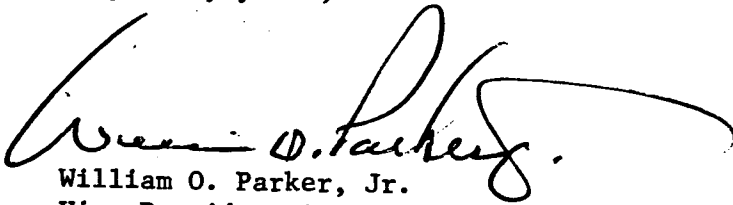
Mr. J. P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, GA 30303

Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
IE Bulletin 80-3

Dear Mr. O'Reilly:

Please find attached a supplemental response to the subject bulletin. This information is provided in response to questions raised by the Oconee Resident I&E Inspector concerning Duke's original response of March 21, 1980.

Very truly yours,



William O. Parker, Jr.
Vice President Steam Production

FTP:ls
Attachment

8012080596

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DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Supplemental Response to
IE Bulletin 80-3

The subject bulletin (IEB 80-03) dealt with the failure of the Flanders Type II (pre-1974) Standard, 2 inch, tray adsorber cells at the Sequoyah Nuclear Station. The failure was caused by the spacing of the rivets holding the perforated screen to the tray casing, and the fact that the screen was "outside" the casing. The weight of the charcoal pushed the screen away from the casing opening a hole that allowed the charcoal to leak out.

At Oconee, two types of trays are used in the RB Purge System. The two types of screen/casing closures used on the trays at Oconee are diagrammed in Figures 1 and 2. Note that neither of these configurations is susceptible to the degradation mechanism as described. In one the screen is "inside" the casing, spot welded (Welds on 2" centers). The weight of the charcoal would then push the screen toward the casing, not away from it. In the other, the screen is spot welded (2" centers) to the casing on the sides of the tray, such that the weight of the charcoal is perpendicular to the weld. The weight of the charcoal, then, cannot push the screen away from the casing in this configuration either.

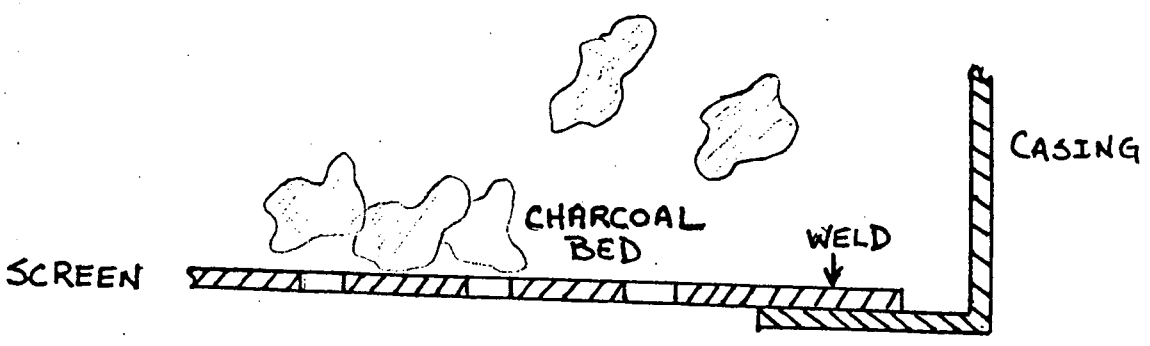
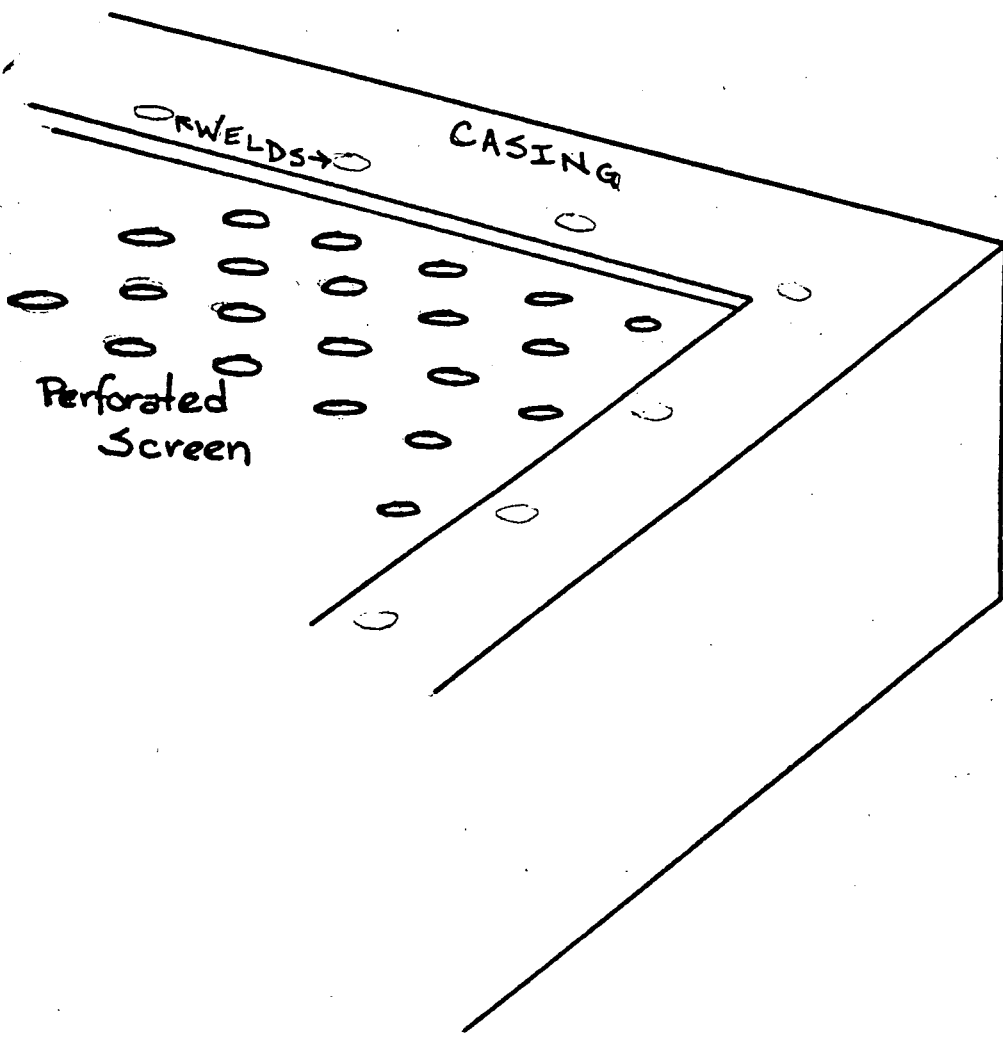


fig. 1

10-30-80
②

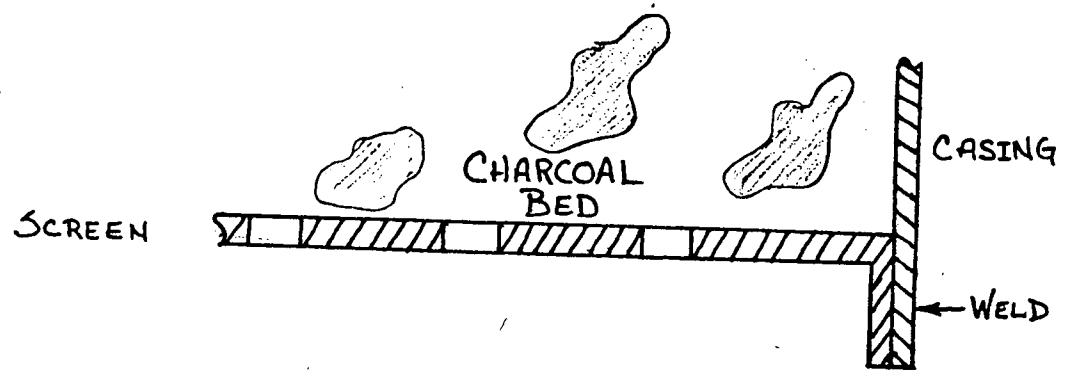
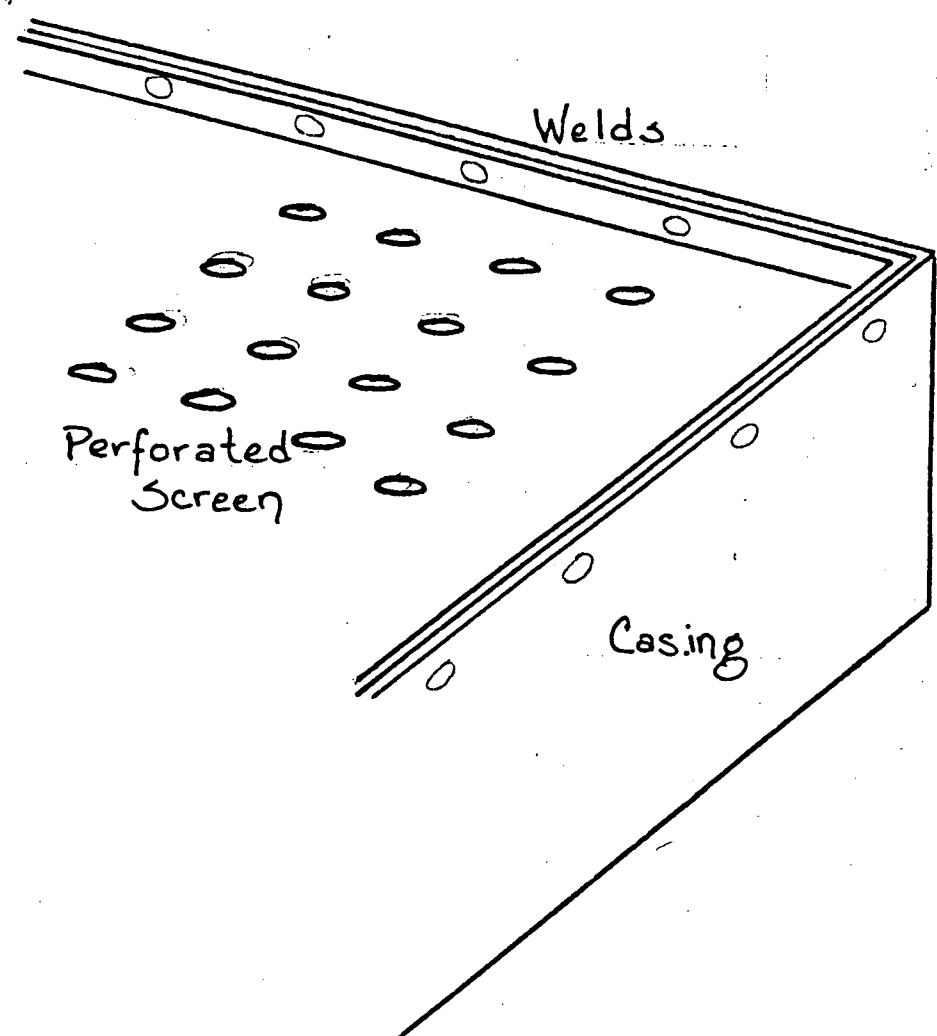


fig. 2

10-30-80
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