

PRELIMINARY NOTIFICATION

May 19, 1977

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-77-86

This preliminary notification constitutes EARLY notice of an event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date

Facility: Philadelphia Electric Company (PECo)  
Peach Bottom Unit No. 2 (DN 50-277)  
Delta, Pennsylvania

Subject: VESSEL WALL CRACK INDICATIONS BELOW CONTROL ROD DRIVE (CRD)  
RETURN NOZZLE

Penetrant Testing of CRD return nozzle repairs extended to a small area of the vessel wall I.D. Eight horizontal cracks five to seven inches in length were identified in an area just below the CRD nozzle on the reactor vessel wall. A three inch length in the worst crack has been ground 0.050 inches into base metal beneath the 1/8 inch stainless steel clad. The indication still exists. The licensee and GE are evaluating the cracks.

Media interest is not expected. The State of Pennsylvania has been informed. A press release is not planned.

NRC, Region I, (Philadelphia) received notification of this occurrence by telephone from the Plant Superintendent at 3:11 p.m. on May 18, 1977, and is following the situation closely.

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