VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

November 5, 1976

Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 308
PO&M/ALH:clw

Docket No. 50-281
License No. DPR-37

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.B.2, the Virginia Electric and Power Company hereby submits a copy of Licensee Event Report USRE-S2-76-15.

The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,

C. M. Stallings
Vice President-Power Supply
and Production Operations

Enclosure

cc: Mr. Robert W. Reid, Chief
Operating Reactors Branch 4
(40 copies USRE-S2-76-15)

11366

LICENSEE EVENT REPORT

USRE-S2-76-15

CONTROL BLOCK: (1–6)

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
VASPS2	00-000-00	4110	03

CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
MI	L	L	050-281	100676	110376

EVENT DESCRIPTION

With Unit No. 2 at cold shutdown, leakage of water was observed from "A" recirculation spray heat exchanger piping. Further visual inspection and dye penetrant examinations revealed indications of cracking in the heat affected zones of several welds. This event is reportable per Technical Specification 6.6.2.b(4). (USRE-S2-76-15)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
SH	E	PIPEXX	A	Z999	N

CAUSE DESCRIPTION

The apparent cause of failure was chloride stress corrosion in Type 304 stainless steel piping. Further investigation is being performed on Unit No. 1 and Unit No. 2, since both units utilize a similar arrangement for the recirculation spray system (cont)

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
G	000	N/A	C	N/A

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
Z	Z	N/A	N/A

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
000	Z	N/A

PERSONNEL INJURIES

NUMBER	DESCRIPTION
000	N/A

OFFSITE CONSEQUENCES

N/A

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
Z	N/A

PUBLICITY

N/A

ADDITIONAL FACTORS

The health and safety of the general public were not affected.

NAME: Tyndall L. Baucom PHONE: (804) 357-3184

GPO 881-667

CAUSE DESCRIPTION (con't)

piping. The extent of affected piping, the degree of damage, and the necessary repairs have not been completely evaluated at this time, and will be the subject of a future update report. Repairs as necessary will be accomplished prior to placing the units back into service.