U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK / / / / / / / (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

/0/1/ /V/A/N/A/S/2/ (2) /0/0/-/0/0/0/0/0/-/0/0/ (3) /4/1/1/1/1/ (4) / / / (5)

LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

/0/1/ REPORT SOURCE /L/ (6) /0/5/0/0/0/3/3/9/ (7) /0/8/2/2/8/2/ (8) /0/9/2/0/8/2/ (9)

DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On August 22, 1982, and on August 27, 1982, the "C" Reserve Station Service (RSS)/

/0/3/ / Bus was de-energized to remove oil which had sprayed on the "C" RSS tubular bus, /

/0/4/ / feeder cables and insulators during the Phase "B" Main Transformer fault. Emer- /

/0/5/ / gency Diesel Generator (EDG) 2J powered the 2J Bus during the times that the "C" /

/0/6/ / RSS Transformer was de-energized. Within one hour of each de-energization, the /

/0/7/ / EDG 2H had satisfactorily completed the surveillance requirements of the Action /

/0/8/ / Statement. Thus, the health and safety of the general public were not affected. /

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/	/E/A/ (11)	/E/ (12)	/A/ (13)	/T/R/A/N/S/F/ (14)	/Z/ (15)	/Z/ (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
	/8/2/	/-/ /0/5/3/	/\/ /0/3/	/L/	/-/ /0/

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
/B/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/N/ (25)	/W/1/2/0/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The "C" RSS Transformer was manually de-energized on August 22 to prevent flash- /

/1/1/ / over from the carbonized oil coating the "C" RSS Bus equipment that could cause /

/1/2/ / the loss of the 2J Emergency Bus. The affected equipment was sprayed with water/

/1/3/ / to remove the oil. On August 27, the bus was de-energized again and the area was/

/1/4/ / thoroughly washed with an approved solvent. /

	FACILITY STATUS	%POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/	/G/ (28)	/0/0/0/ (29)	/ Post-Trip /	/B/ (31)	/ Operator Observation /

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
/1/6/	/Z/ (33)	/Z/ (34)	/ NA /	/ NA /

	PERSONNEL EXPOSURES NUMBER	TYPE	DESCRIPTION (39)
/1/7/	/0/0/0/ (37)	/Z/ (38)	/ NA /

	PERSONNEL INJURIES NUMBER	DESCRIPTION (41)
/1/8/	/0/0/0/ (40)	/ NA /

	LOSS OF OR DAMAGE TO FACILITY TYPE	DESCRIPTION (43)
/1/9/	/Z/ (42)	/ NA /

	PUBLICITY ISSUED	DESCRIPTION (45)	NRC USE ONLY
/2/0/	/N/ (44)	/ NA	/ / / / / / / / / / / / / /

NAME OF PREPARER W. R. CARTWRIGHT PHONE (703) 894-5151

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PDR ADOCK 05000339
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Virginia Electric and Power Company
North Anna Power Station, Unit No. 2 Attachment: 1 of 2
Docket No. 50-339
Attachment to LER 82-053/03L-0

Description of Event

On August 22, 1982, at 2004, the "C" Reserve Station Service (RSS) Bus was de-energized as a precautionary measure to prevent the loss of the 2J Emergency Bus and reduce the possibility of a fire from transformer oil covering equipment in the vicinity of the Phase "B" Main Transformer. The bus was returned to service the following day at 0700 after the equipment had been rinsed with water to remove the oil.

On August 27, 1982, at 1143, the "C" RSS Bus was de-energized again to wash the oil sprayed equipment with an approved solvent. At 1820 that day, the bus was returned to service.

These events are contrary to T.S. 3.8.1.1 and reportable pursuant to T. S. 6.9.1.9.b.

Probable Consequences of Occurrence

Within one hour and once per 8 hours after each de-energization of the "C" RSS Bus, operability was proven on EDG 2H by the performance of the periodic surveillance test and offsite A.C. was verified to the 2H Emergency Bus. EDG 2J was running and supplying the 2J Emergency Bus during the time that "C" RSS Bus was out of service. The Action Statement was fully adhered to and the health and safety of the general public were not affected.

Cause of Event

The "C" RSS Bus was de-energized due to an oil coating on the "C" RSS tubular bus, insulators and cable which rise vertically up the Turbine Building. The oil sprayed from breaks in the case of Phase "B" Main Transformer after it had faulted and over pressurized the transformer case. It was feared that the oil covering the insulators of the "C" RSS Bus may short to ground and cause an oil fire.

Immediate Corrective Action

The "C" RSS Bus was immediately de-energized after operations realized oil from Phase "B" Main Transformer had covered the tubular bus, cables and insulators. Water from the Fire Main System was sprayed on the "C" RSS Bus in the area covered with oil until it was considered safe for re-energization. Later on August 27, 1982, the bus was again de-energized and an approved solvent was used to thoroughly clean the affected oil soaked electrical components.

Scheduled Corrective Action

There is no scheduled Corrective Action.

Action Taken To Prevent Recurrence

No further action is taken to prevent recurrence.

Generic Implications

There are no generic implications to this event.