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/1/ (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) /0/5/0/0/0/3/3/8/ (7) /0/5/1/7/8/2/ (8) /0/6/1/5/8/2/ (9)
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On May 17, 1982, with Unit No. 1 in hot standby the 2B fuel oil storage system /
/0/3/ / for the emergency diesel generators contained less than 45,000 gallons of fuel. /
/0/4/ / The storage system was immediately filled and the redundant system was operable; /
/0/5/ / therefore, the health and safety of the general public were not affected. This /
/0/6/ / event is contrary to the LCO but within the action for T.S. 3.8.1.1 and report- /
/0/7/ / able pursuant to T.S. 6.9.1.9.b. /
/0/8/ / /

SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE

/0/9/ /E/E/ (11) /D/ (12) /Z/ (13) /Z/Z/Z/Z/Z/Z (14) /Z/ (15) /Z/ (16)

(17) LER/RO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.

/8/2/ /-/ /0/3/5/ /\/ /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

/X/ (18) /G/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /N/ (25) /Z/9/9/9/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The 2B fuel oil storage tank was being used to supply the day tank for the 1J /
/1/1/ / diesel generator while it was being run for a surveillance test. The fuel oil /
/1/2/ / tank was being filled slowly due to the auxiliary boilers being supplied from /
/1/3/ / the transfer line to the 2B tank. The filling rate to the 2B tank was increased /
/1/4/ / until the tank level returned to the proper level. /

FACILITY STATUS | %POWER | OTHER STATUS | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)

/1/5/ /G/ (28) /0/0/0/ (29) / NA / (30) /A/ (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 (42)
TYPE | DESCRIPTION

/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

Virginia Electric and Power Company
North Anna Power Station, Unit No. 1 Attachment: Page 1 of 1
Docket No. 50-338
Attachment to LER 82-035/03L-0

Description of Event

On May 17, 1982 with Unit No. 1 in hot standby, the 2B fuel oil storage system for the emergency diesel generators contained less than 45,000 gallons of fuel. The 1J diesel generator was taking a suction from the tank at the time of the event.

Probable Consequences of Occurrence

The fuel oil volume in the 2B storage tank was immediately returned to the proper level and the redundant storage system remained operable, therefore, the health and safety of the general public were not affected.

Cause of Event

On May 17, 1982 both auxiliary boilers and the 1J emergency diesel were running. This equipment is supplied through the same line from the above ground oil tank. The supply line has a trip valve that closes on high flow to isolate a line break. The operator throttled the valve that was filling the 2B fuel oil storage tank to prevent the high flow trip valve from closing. The 1J diesel was draining the 2B storage tank faster than it was being filled.

Immediate Corrective Action

The filling rate of the 2B fuel oil storage tank was increased immediately by manually overriding the trip valve in order to restore the tank to the required contained volume. The redundant tank was verified to contain the proper volume of oil.

Scheduled Corrective Action

The operating procedure for the fuel oil transfer system (1-OP-53.1) will be revised. A note will be added to caution the operator that auxiliary boiler operation may affect the filling rate of the underground fuel oil storage tanks. The high flow trip valve can be administratively defeated to compensate for high demand.

Action Taken To Prevent Recurrence

No further action is required.

Generic Implications

There are no generic implications associated with this event.