

REGULATORY DOCKET FILE COPY

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261



December 16, 1977

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 575
PO&M/TAP:wbh
Docket No. 50-281
License No. DPR-37

Dear Mr. O'Reilly:

Pursuant to Surry Power Station Technical Specification 6.6.2, the Virginia Electric and Power Company hereby submits the following licensee Event Reports for Surry Unit No. 2:

LER-77-019/03L-0
LER-77-020/03L-0

The substance of these reports 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 and Operating Committee.

Very truly yours,

C. M. Stallings

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

Enclosures

cc: Mr. Robert W. Reid, Chief ✓ 40 copies
Operating Reactors Branch 4

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LER-77-020/03L-0

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION, UNIT 2
DOCKET NO. 050-0281
EVENT DATE: 11-27-77

During power operation, while escalating in power through 75 percent, it was found that containment temperature was less than 100 degrees Fahrenheit. This is contrary to Surry Unit Nos. 1 and 2 Order for Modification of License dated August 24, 1977. It is reportable as per Technical Specification 6.6.2.b.

Investigation revealed that a drop in outside ambient temperature and a drop in component cooling water temperature, serving the containment recirculation fans, caused the event.

A unit rampdown was commenced. Component cooling water to the containment recirc. fans was secured and service water to the component cooling heat exchangers was throttled back to raise the component cooling water temperature. The rampdown was continued until the containment temperature was restored at a point greater than 100 degrees Fahrenheit.

To prevent recurrence, component cooling water will be maintained at an elevated temperature to minimize the cooling of containment.

Because proper actions were taken when this limiting condition of operation was reached, the health and safety of the general public was not affected.

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LER 77 - 019/03L-0

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION
DOCKET NO: 050-0281
EVENT DATE: 11-14-77

On November 14, 1977, after opening valve TV-SS-202A for sampling, it was noted the valve would not shut properly. The redundant valve TV-SS-202B was checked to ascertain it was closed. Simultaneously action was initiated to vent the pressure allowing TV-SS-202A to close. This was successfully accomplished.

An engineering study has been initiated to evaluate the problem and preliminary findings are to replace these sampling valves (eight per unit) with ones which are more compatible with Surry Power Station operating parameters.