

May 13, 1986

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-86-35

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region II staff on this date.

FACILITY: Virginia Electric & Power Company
Surry Unit 1
Docket No. 50-280
Surry, Virginia

Licensee Emergency Classification:
 Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: PARTIAL LOSS OF DC POWER & SAFETY INJECTION

Unit 1 experienced a loss of power to the 125-volt DC distribution cabinet bus at 8:41 a.m. (EDT) on May 11, 1986, after removing the 1-B station battery from service while entering into cold shutdown for scheduled refueling.

The licensee reports that the adjusted battery chargers failed to pick up load during the battery removal, dropping voltage from 132-volt DC power to 100-volt DC power. This resulted in loss of the 125-volt DC distribution cabinet bus.

A high Consequence Limiting Safeguards (CLS) signal (for containment isolation) initiated train "B" Safety Injection (SI), including charging pump realignment to the SI mode, letdown isolation, containment phase I and II isolation, and start of the No. 3 emergency diesel generator. Control room annunciator panels F through K, which provide indications mostly for secondary systems, were lost.

Operators regained control of charging and letdown within a short time, and restored power to the annunciator panels within 24 minutes. According to the licensee's estimate, approximately 800 gallons of borated water was injected.

The Unit remained in shutdown condition following restoration of equipment.

The NRC received initial notification of this occurrence via telephone from the licensee at 9:24 a.m. (EDT) on May 11.

This information is current as of 5:00 p.m. (EDT) on May 12.

Contact: R. Croteau, 242-4299

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