

October 22, 1999

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-I-99-048

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 Region I staff in King of Prussia, Pennsylvania on this date.

Facility

Duquesne Light Co.  
Beaver Valley 2  
Shippingport, Pennsylvania  
Cockets: 50-412

Licensee Emergency Classification

Notification of Unusual Event  
Alert  
Site Area Emergency  
General Emergency  
X Not Applicable

Subject: BEAVER VALLEY UNIT 2 FORCED OUTAGE

On October 22, at 3:14 a.m. operators initiated a plant shutdown from 100 percent reactor power due to continued reactor coolant system (RCS) leakage through the "B" pressurizer code safety valve to the primary relief tank (PRT). Minor PRT inleakage had been trended since August, but the leakrate increased to approximately 0.5 gallons per minute earlier this week. Operators initiated frequent PRT venting to maintain normal PRT pressure. While venting the PRT, oxygen concentration in the waste gas system approached the 2 percent Technical Specification limit for waste gas transfer. Both the identified RCS leakrate and waste gas system oxygen concentrations currently remain within the technical specification limits. Operators are reducing reactor power at 12 percent per hour and plan to place the plant in Mode 5 (cold shutdown) to perform repairs. Planned maintenance includes repair of the leaking code safety valve and two leaking pressurizer power operated relief valves which were isolated previously.

The resident inspectors have monitored licensee evaluation of the PRT inleakage since August and are on-site monitoring the plant shutdown.

The contents of this PN have been communicated to the Pennsylvania, Ohio and West Virginia state governments.

Contact: P. Eselgroth  
(610)337-5234

D. Kern  
(724)643-2000

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PDR I&E  
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