

DCS No: 50423860724  
Date: July 25, 1986

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-86-56

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 I staff on this date.

Facility: Northeast Nuclear Energy Company  
Millstone Unit 3  
Docket No. 50-423  
Waterford, CT

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

Subject: UNSCHEDULED SHUTDOWN GREATER THAN 48 HOURS

The licensee shut down the plant on July 24, 1986 due to a stuck open let-down system relief valve. The valve was inaccessible due to being in the containment which is maintained under vacuum. Containment oxygen concentration was less than 19 percent and personnel access was prohibited for personnel safety reasons.

The plant shutdown was routine until 11:03 p.m., when a reactor trip occurred on low steam generator level. The cause was level swings induced while the operators were shifting from the operating to the startup feedwater regulating valves. Stable hot shutdown conditions were established. The plant is being taken to cold shutdown.

There was no release of radioactivity.

During the outage, the licensee intends to perform various cold shutdown work items in order to eliminate a mid-cycle outage previously planned for early next year. Planning for this outage is presently in progress. The outage duration is expected to exceed two weeks.

The State of Connecticut has been informed. Media interest has occurred.

CONTACT: J. Shedlosky  
203-442-5357

E. McCabe  
215-337-5231

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TMI Resident Section \_\_\_\_\_  
RI Resident Office \_\_\_\_\_

Licensee: \_\_\_\_\_  
(Reactor Licensees)

Region I Form 83  
(Rev. July, 1986)

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PDR I&E PDR  
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