

DCS No.: 0500021902022009

Date: February 2, 2009

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-I-09-001

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

Exelon Generation Company, LLC
Oyster Creek
Forked River, NJ
Docket: 50-219

Licensee Emergency Classification

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

Subject: UNUSUAL EVENT AND AUTOMATIC REACTOR SCRAM DUE TO A FIRE IN THE M1A MAIN TRANSFORMER

At 9:56 p.m., on February 1, a main transformer failure and fire led to an automatic reactor scram and the subsequent declaration of an Unusual Event. Plant systems responded as expected to the scram with all control rods inserting. As designed, both isolation condensers actuated, two electro-magnetic relief valves cycled, and three of five reactor recirculation pumps tripped. The isolation condensers (IC) operated for two minutes and then were placed in standby. Operators stabilized the plant in hot shutdown and decay heat removal was accomplished by using the main feed and condensate, and turbine bypass valve systems. The station electrical system was aligned in its normal shutdown lineup with offsite power available.

The on-site brigade responded to the fire. After assessing the fire, off-site fire assistance was requested. Exelon declared an Unusual Event at 10:11 p.m. due to the fire not being extinguished within 15 minutes. The fire was extinguished at 10:27 p.m. by the on-site and off-site fire brigades, and the Unusual Event was terminated at 11:37 p.m. Exelon is evaluating plans to replace and/or repair this transformer. This transformer was placed in service in December 2008 after the previous transformer failed. (See PNO-I-08-013)

The acting Senior Resident Inspector responded to the site and assessed licensee actions throughout the night.

The State of New Jersey has been informed. Region I Public Affairs is prepared to respond to media inquiries. An update to this PN is planned.

The facts of this PN have been verified with Exelon as of February 2, 2009, at 10:45 a.m.

This preliminary notification is issued for information only.

ADAMS Accession Number: **ML090330415**

Contacts: R. Bellamy
(610) 337-5200
Ronald.Bellamy@nrc.gov

DISTRIBUTIONS:

BY E-MAIL:

Chairman Klein
Comm. Jaczko
Comm. Lyons
Comm. Svinicki
OIP
OCA
OGC
EDO
OE
NRR
NMSS
OIG
RES
ACRS
FSME
NRO
NSIR
OPA
SECY
Regional Offices

BY FAX:

DOT:Trans
INPO
NSAC
RI Resident Office
Licensee: Exelon Energy Company, LLC
Oyster Creek Generating Station

SUNSI Review Complete: RRB (Reviewer's Initials)

ML090330415

DOCUMENT NAME: G:\DRP\PNS\PNO-I-09-001 - OYSTER CREEK SCRAM.DOC

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure
"N" = No copy

OFFICE	RI/DRP	RI/POA	RI/ORA	RI/DRP	RI/DRA
NAME	RBellamy	DScrenci	NMcNamara	DLew	MDapas
DATE	2/02/09	2/02/09	2/02/09	2/02/09	2/02/09

OFFICIAL RECORD COPY