

DCS No.: 05000271080**523**

Date: 05/30/08

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-I-08-006A

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**

Vermont Yankee Nuclear Power Station  
185 Old Ferry Road  
P.O. Box 500  
Brattleboro, VT 05302-0500

**Licensee Emergency Classification**

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

Docket No.: 50-271

License No.: DPR-28

SUBJECT: (UPDATE) TRANSFER OF SPENT FUEL FROM SPENT FUEL STORAGE POOL TO ONSITE INDEPENDENT SPENT FUEL STORAGE INSTALLATION (ISFSI)

Vermont Yankee completed the transfer of the initial cask of spent fuel to the on-site Independent Spent Fuel Storage Installation (ISFSI) at approximately 3:00 pm on May 29, 2008. No equipment problems were noted subsequent to the resumption of the spent fuel transfer activities on May 23, 2008. The spent fuel handling activities had been suspended following identification of a reactor building crane issue on May 12, 2008. Specifically, while lowering a spent fuel transfer cask, the crane operator attempted to stop movement of the crane when the transfer cask was approximately four inches above the refueling floor. However, the crane motion did not stop as expected, and the fuel cask continued to be lowered at the normal rate of speed to the refueling floor. The spent fuel transfer cask was set down on the refueling floor in an acceptable location and supplemental cooling was established per procedure. This issue did not have any impact on public health and safety.

Entergy conducted troubleshooting and attributed the crane problem to improperly calibrated relays that function to actuate the crane brakes. Entergy re-calibrated the affected relays, then retested the crane on May 22, 2008. The NRC's Resident Inspectors, as well as a specialist inspector from the NRC's Region I office in King of Prussia, PA, reviewed the crane troubleshooting activities. The adequacy and thoroughness of Entergy's past maintenance of the reactor building crane continue to be reviewed by the NRC, and the results will be included in an upcoming inspection report.

The NRC continues to inspect activities associated with the ISFSI campaign. The information presented herein is current as of 10:00 a.m., May 30, 2008.

The NRC Region I office has communicated with the State of Vermont, the State of New Hampshire, and the Commonwealth of Massachusetts regarding the reactor building crane issue. This preliminary notification is issued for information only.

ADAMS Accession Number **ML081510695**

Contact: Raymond Lorson, 610-337-5282

DISTRIBUTION 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: Entergy Nuclear Operations, Inc., Vermont Yankee Nuclear Power Station

**SUNSI Review Complete:     r lorson     (Reviewer's Initials)**

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

DOCUMENT NAME: S:\PN\PN10806A.doc

OFFICE	RI/DNMS	RI/SLO	RI/DNMS	RI/PAO	RI/ORA
NAME	RLorson/ rl	NMcNamara/ ntm	JKinneman/ jdk	DScrenci/ dps	MDapas/ mld
DATE	5/30/08	5/30/08	5/30/08	5/30/08	5/30/08

OFFICIAL RECORD COPY