# Licensee Event Report

**Update Report - Previous Report Date 12/31/81**

**U.S. Nuclear Regulatory Commission**

**Attachment 1**

## Control Block:

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<th>License Code</th>
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## Event Description and Probable Consequences:

At 1530 hours on December 1, 1981, the wind direction monitoring instrument located on the meteorological tower became inoperable due to ice formation on the instrument.

This event is considered reportable per section 6.9.1.9(b) due to entry into, and compliance with, the action statement of Tech. Spec. 3.3.3.4 as a result of the inability of the monitor to perform its intended function. This event had no effect on the plant, its operation, or the health and safety of the public.

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## Action Taken:

The icing of the wind direction monitoring instrument is believed to be due to the unique adverse weather conditions existing at the time. The instrument was deiced and returned to service at 1620 hours on December 1, 1981. The instrument was heat traced as a temporary measure, a permanent weather station heater jacket was installed on the instrument on November 9, 1982.

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## Method of Discovery and Location of Release:

- **Method of Discovery**: Operator observation
- **Location of Release**: N/A

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## Personnel Exposures and Injuries:

- **Type of Exposure**: N/A
- **Number of Personnel Exposed**: N/A
- **Description of Exposure**: N/A
- **Type of Injuries**: N/A
- **Number of Personnel Injured**: N/A
- **Description of Injuries**: N/A

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## NRC Use Only:

- **Date of Occurrence**: 12/31/81
- **Update Date**: N/A
- **Release**: N/A
- **Personnel**: N/A
- **Type of Damage to Facility**: N/A
- **Description of Damage**: N/A

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**Name of Preparer**: Steven D. Chaplin

**Phone**: (717) 948-8461
May 19, 1983
4410-00-L-0062

GPU Nuclear Corporation
Post Office Box 480
Route 441 South
Middletown, Pennsylvania 17057
717 944-7621
TELEX 84-2386
Writer's Direct Dial Number:

Office of Inspection and Enforcement
Attn: Mr. J. M. Allan
Acting Regional Administrator
Region I
US Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DEK-73
Docket No. 50-320
Updated Licensee Event Reports

The Licensee Event Reports listed in Attachment 1 have been updated and are enclosed as Attachment 2 to this letter.

If you have any questions, please contact Mr. J. J. Byrne of my staff.

Sincerely,

[Signature]

B. J. Kanga
Director, TMI-2

BXX/PRW/jop

Attachments

CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office
Dr. B. J. Snyder, Program Director - TMI Program Office

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GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation
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* Event date on original Licensee Event Report was incorrect. This revision corrects the event date.
LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI- II
LER 81-035703X-1
EVENT DATE - December 1, 1981

I. EXPLANATION OF OCCURRENCE

At 1550 hours on December 1, 1981, the wind direction monitoring instrument located on the meteorological tower at an elevation of 100 ft. (above grade) became inoperable due to ice formation on the instrument. The instrument was returned to service at 1620 hours on December 1, 1981.

This event is considered reportable per Section 6.9.1.9(b) due to entry into and compliance with, the action statement of Tech. Spec. 3.3.3.4 as a result of the inability of the monitor to perform its intended function.

II. CAUSE OF THE OCCURRENCE

The icing of the wind direction monitoring instrument is believed to be due to the unique adverse weather conditions existing at that time.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

The instrument was deiced and returned to service at 1620 hours on December 1, 1981.

LONG TERM

This event was the first of three identical events. After the third event on December 28, 1981, heat tracing was installed around the instrument as an interim measure.

A permanent weather station heater jacket was installed on the instrument on November 9, 1982.

V. COMPONENT FAILURE DATA

N/A