

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION COLLECTION REQUEST: 50.0 HRS. REPORTED LESSONS LEARNED ARE INCORPORATED INTO THE LICENSING PROCESS AND FED BACK TO INDUSTRY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

LICENSEE EVENT REPORT (LER)

(See reverse for required number of
digits/characters for each block)

FACILITY NAME (1)

Millstone Nuclear Power Station Unit 1

DOCKET NUMBER (2)

05000245

PAGE (3)

1 of 3

TITLE (4)

Radwaste Storage Building Exhaust Fan Discharges to Atmosphere Without Radiation Monitoring

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
01	15	97	97	005	00	02	14	97	FACILITY NAME	DOCKET NUMBER
OPERATING MODE (9)		N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more) (11)							
POWER LEVEL (10)		000	20.2201(b)		20.2203(a)(2)(v)		50.73(a)(2)(i)		50.73(a)(2)(viii)	
			20.2203(a)(1)		20.2203(a)(3)(i)		<input checked="" type="checkbox"/> 50.73(a)(2)(ii)		50.73(a)(2)(x)	
			20.2203(a)(2)(i)		20.2203(a)(3)(ii)		50.73(a)(2)(iii)		73.71	
			20.2203(a)(2)(ii)		20.2203(a)(4)		50.73(a)(2)(iv)		OTHER	
			20.2203(a)(2)(iii)		50.36(c)(1)		50.73(a)(2)(v)		Specify in Abstract below or in NRC Form 366A	
			20.2203(a)(2)(iv)		50.36(c)(2)		50.73(a)(2)(vii)			

LICENSEE CONTACT FOR THIS LER (12)

NAME

Robert W. Walpole, MP1 Nuclear Licensing Manager

TELEPHONE NUMBER (Include Area Code)

(860)440-2191

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION		MONTH	DAY	YEAR
<input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE).	NO			03	21	97

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On January 15, 1997, with the plant in the COLD SHUTDOWN condition, it was discovered that the Radwaste Storage Building vent exhaust fan HVE-14 discharges directly to the atmosphere without continuous radiation monitoring. On February 6, 1997, this event was determined to be reportable and a report was made pursuant to 10CFR50.72(b)(1)(ii)(B) as a condition that is outside of the design basis of the plant.

The cause for this event is being investigated, and will be documented in a supplement to this report.

Operation of exhaust fan HVE-14 was prevented immediately upon discovery of the event. Prior to returning HVE-14 to service, necessary reviews to ensure proper monitoring and control of effluent from the Radwaste Storage Building ventilation system will be completed. Radwaste operations in the Radwaste Storage Building will be reviewed to determine if there has been any potential for significant release of radioactivity through HVE-14. The investigation of the cause of the event will be completed and this LER supplemented with the cause and any additional corrective actions by March 21, 1997.

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LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

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TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

I. Description of Event

On January 15, 1997, with the plant in the COLD SHUTDOWN condition, it was discovered that the Radwaste Storage Building vent exhaust fan HVE-14 discharges directly to the atmosphere without continuous radiation monitoring. A reportability evaluation on January 16, 1997, determined that this event was not reportable. However, a review of this reportability evaluation on February 5, 1997, showed that this initial assessment was inaccurate. On February 6, 1997, a re-evaluation of the original event determined that it was reportable and a report was made pursuant to 10CFR50.72(b)(1)(ii)(B) as a condition that is outside of the design basis of the plant.

II. Cause of Event

The root cause for this event is being investigated and will be documented in a supplement to this report.

III. Analysis of Event

The Radwaste Storage Building has three exhaust fans: HVE-12A, HVE-12B and HVE-14. Fans HVE-12A and HVE-12B (one is operating and one is in standby) draw exhaust air from the decontamination, compactor, centrifuge, and measuring tank rooms. Both fans are connected in parallel and direct the exhaust air to the stack where it is monitored for radioactivity. Fan HVE-14 draws exhaust air also from the decontamination and compactor rooms and from the radwaste shipment building. However, this fan exhausts air to the atmosphere through an unmonitored roof duct.

This event is reportable pursuant to 10CFR50.73(a)(2)(ii)(B) as a condition that was outside of the design basis of the plant. The exhausting of unmonitored air through HVE-14 is a violation of 10CFR20 in that there is no survey of radioactive materials in effluents. Also this is a violation of 10CFR50, General Design Criteria (GDC) 64 in that there is no means provided for monitoring an effluent discharge path for radioactivity that may be released from normal operations.

IV. Corrective Action

- Operation of exhaust fan HVE-14 was prevented immediately upon discovery of the event.
- Prior to returning HVE-14 to service, necessary reviews to ensure proper monitoring and control of effluent from the Radwaste Storage Building ventilation system will be completed.
- Radwaste operations in the Radwaste Storage Building will be reviewed by March 31, 1997, to determine if there has been any potential for significant release of radioactivity through HVE-14.
- The investigation of the cause of the event will be completed and this LER supplemented with the cause and any additional corrective actions by March 21, 1997.

LICENSEE EVENT REPORT (LER)

TEXT CONTINUATION

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TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

V. Additional Information

Similar Events

Any similar events will be determined once the cause of the event has been determined.

Manufacturer Data

Not Applicable