

4/16/07

Attachment to April 17, 2005 Event Notification Summary of Event

At approximately 0830 on April 17, 2005 Millstone Unit 3 experienced an automatic reactor trip from full power. The Reactor is in a stable shutdown condition and is proceeding to Mode 5 cold shutdown. No release of radioactivity other than those minor releases associated with normal plant operation has occurred. There were no personnel injuries associated with the event.

In addition to the Reactor Trip, half-train Safety Injection (SI) and half-train Main Steam Isolation (MSI) actuations occurred. Control room personnel were successful at manually initiating full SI and MSI. SI has since been terminated and RCS pressure control has been restored. Multiple steam line safety valves (MSSV) lifted with at least one MSSV indicating a failure to reclose. As a result, an ALERT was declared at approximately 0853 due to the failure of at least one MSSV failing to reclose. All MSSV's are currently closed. Auxiliary Feedwater (AFW) actuated automatically as expected, however; the turbine driven auxiliary feedwater pump (TDAFWP) tripped on start-up and was subsequently reset locally. Both motor driven auxiliary feedwater pumps (MDAFWPs) operated as expected to maintain steam generator water levels. Due to the additional inventory injected to the Reactor Coolant System (RCS) as a result of the SI actuation, the pressurizer filled and a primary system safety valve (PSSV) actuated at a lower than expected pressure. All PSSV's are currently closed, however; there is indication of leakage past either a PSSV or Pilot Operated Relief Valve (PORV). Upon alignment of the Charging system to Refueling Water Storage Tank recirculation flow path, 2 valves had indication of packing leakage. Those packing leaks have been terminated.

The cause of the event is under investigation.

A/65

41607

**Attachment to April 17, 2005 Event Notification
Summary of Event**

Event No. 41607

Update to previous information:

The previously reported time of the ALERT declaration should be corrected to read 0842. Millstone Unit 3 entered Mode 4 at approximately 1903 on April 17, 2005. The event at Millstone Unit 3 was terminated at 1915. The cause of event is under investigation. A recovery plan is being formulated.

(117 sent

**NEWS RELEASE**

Release # 1
Date: 04-17-2005
Information as of: 10:49 4-17-2005

DOMINION DECLARES ALERT AT MILLSTONE POWER STATION

WATERFORD, Conn. — An emergency was declared today at Millstone Power Station Unit 3. An Alert, the second lowest of four emergency classifications used by the U.S. Nuclear Regulatory Commission, was declared at 8:42 a.m.

Unit 3 has been shutdown and is in a stable condition. Federal, state and local emergency response agencies have been notified. An Alert ensures that additional emergency response personnel are on standby and ready to respond if needed.

No release of radioactive material has occurred beyond those minor releases associated with normal plant operations. These minor releases pose no danger to the public or plant workers. The minor releases are below federally approved operating limits, below natural background levels and can not be detected at the site boundary.

Further information about conditions at Millstone will be provided as it becomes available.

As part of the Millstone emergency response plan, an Emergency Operations Facility has been activated at the nuclear station in Waterford, Connecticut.

The Millstone Power Station is owned and operated by Dominion.

Attachment 8
NRC Event Notification Form
(Sheet 1 of 2)

NRC CONTACT (NAME) Bill Gott

NRC EVENT NUMBER: 41607

NOTIFICATION TIME	FACILITY OR ORGANIZATION <u>Millstone</u>	UNIT <u>3</u>	NAME OF CALLER <u>DAVIDE RODSON</u> Kenneth D. ...	TELEPHONE NUMBER <u>(860) 443-2276</u>
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EVENT TIME (EST OR EDT) <u>0842</u>	EVENT DATE or IRF# <u>2005044</u>	POWER (%) and MODE BEFORE <u>100% MODE 1</u>	POWER (%) and MODE AFTER <u>0% MODE 3</u>
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EVENT CLASSIFICATION	1-Hr Non-Emergency 10 CFR 50.72 (b)(1)	4-Hr Non-Emergency 10 CFR 50.72 (b)(2)	8-Hr Non-Emergency 10 CFR 50.72 (b)(3)
GENERAL EMERGENCY	TS Deviation	(i) TS Required Shut-down	(ii)(A) Degraded Condition
SITE AREA EMERGENCY		(iv)(A) ECCS Discharge to RCS	(ii)(B) Unanalyzed Condition that Degrades Safety
<input checked="" type="checkbox"/> ALERT	60 Day Optional 10 CFR 50.73 (a)(1)	<input checked="" type="checkbox"/> (iv)(B) RPS Actuation (Scram)	<input checked="" type="checkbox"/> (iv)(A) Specified System Actuation
UNUSUAL EVENT	Invalid Specified System Actuation	(xi) Offsite Notification	(v)(A) Safe Shutdown Capability
<input checked="" type="checkbox"/> 50.72 NON-EMERGENCY			(v)(B) RHR Capability
PHYSICAL SECURITY (73.71)			(v)(C) Control of Rad Release
MATERIAL/EXPOSURE			(v)(D) Accident Mitigation
FITNESS FOR DUTY			(xii) Offsite Medical
OTHER UNSPECIFIED REQUIREMENT (IDENTIFY)			(xiii) Lost ENS
INFORMATION ONLY			(xiii) Lost Other Assessment/Offsite Comms
			(xiii) INOP Emergency Siren

OTHER UNSPECIFIED REQUIREMENT (IDENTIFY):

DESCRIPTION: (Fill in as available)

1. SYSTEM(S) AFFECTED:
Reactor Trip, Safety Injection, AFW actuation
2. ACTUATIONS & THEIR INITIATION SIGNALS:
Reactor Trip / SI / AFW - Low Steam line pressure
3. CAUSES (IF KNOWN):
Cause is under investigation
4. EFFECT OF EVENT ON PLANT:
Various Main Steam Safety Valves, Primary Safety valve actuated
5. ACTIONS TAKEN OR PLANNED:
Stabilize plant, coddown to Mode 3 cold shutdown
6. ADDITIONAL INFORMATION:
SEE ATTACHMENT

Level of Use
Reference



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Attachment 8 NRC Event Notification Form (Sheet 2 of 2)

NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES <input checked="" type="checkbox"/> (EXPLAIN SHEET 1)	NO <input type="checkbox"/>
NRC RESIDENT	<input checked="" type="checkbox"/>			DID ALL SYSTEMS FUNCTION AS REQUIRED?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/> (EXPLAIN SHEET 1)
STATE	<input checked="" type="checkbox"/>			MODE OF OPERATION UNTIL CORRECTED:	5	
LOCAL	<input checked="" type="checkbox"/>			ESTIMATED RESTART DATE:	UNKNOWN	
OTHER GOV AGENCIES	<input checked="" type="checkbox"/>			ADDITIONAL INFO ON BACK: YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
MEDIA/PRESS RELEASE	<input checked="" type="checkbox"/>					
RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS						
LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED	
MONITORED	UNMONITORED	OFFSITE RELEASE	T. S. EXCEEDED	RM ALARMS	AREAS EVACUATED	
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED		State release path in description		
		Release Rate (Ci/sec)	%T.S. LIMIT	HOO GUIDE	Total Activity (Ci)	% T.S. LIMIT HOO GUIDE
Noble Gas				0.1 Ci/sec		1000 Ci
Iodine				10 µCi/sec		0.01 Ci
Particulate				1 µCi/sec		1 mCi
Liquid (excluding tritium & dissolved noble gases)				10 µCi/min		0.1 Ci
Liquid (tritium)				0.2 Ci/min		5 Ci
Total Activity						
	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER	
RAD MONITOR READINGS:	1 E20	4.3 E-6	7.48 E-2	isolated		
ALARM SETPOINTS						
% T.S. LIMIT (if applicable)						
RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS:						
LOCATION OF THE LEAK (e.g., SG#, valve, pipe, etc):						
None						
LEAK RATE:	UNITS gpm/gpd		T. S. LIMITS:		SUDDEN OR LONG-TERM DEVELOPMENT	
LEAK START DATE: TIME:			COOLANT ACTIVITY & UNITS: PRIMARY - SECONDARY -			
LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL:						
SM/DSEO Signature : <u>[Signature]</u>					Time: <u>1:320</u>	

Level of Use Reference



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Incident Report Form (IRF)

NOTE: FOR AN INITIAL CLASSIFICATION OR A CLASSIFICATION CHANGE, COMPLETE ITEMS 1-8, AND 13 & 14. FOR UPDATE MESSAGE, COMPLETE ALL ITEMS 1-14.

1	IRF Number: 2005044□	Event Classification Date: <u>04/17/05</u> at <u>08:42</u> hours. (military time)
2	<input checked="" type="checkbox"/> NOT a Drill	<input type="checkbox"/> Drill <input type="checkbox"/> Communications Drill (call in drill only)
3	<input checked="" type="checkbox"/> Initial Classification	<input type="checkbox"/> Classification Change <input type="checkbox"/> Update <input type="checkbox"/> Terminated Event
4	Incident Location: <input type="checkbox"/> Millstone Unit 1 <input type="checkbox"/> Millstone Unit 2 <input checked="" type="checkbox"/> Millstone Unit 3	
5	Incident Classification: <input type="checkbox"/> An Unusual Event	Posture Code: <input type="checkbox"/> Delta - One <input type="checkbox"/> Delta - Two
	<input checked="" type="checkbox"/> An Alert	<input checked="" type="checkbox"/> Charlie - One
	<input type="checkbox"/> A Site Area Emergency	<input type="checkbox"/> Charlie - Two
	<input type="checkbox"/> A General Emergency	<input type="checkbox"/> Bravo <input type="checkbox"/> Alpha
6	Radiological Release Status: <input checked="" type="checkbox"/> No release <input type="checkbox"/> Ongoing release <input type="checkbox"/> Terminated release	
7	Meteorological Data: <input checked="" type="checkbox"/> Current Site Wind: At <u>08:45</u> hours (military time) from the <u>246</u> (WSW) into the <u>066</u> (ENE) at <u>9</u> mph (in degrees) (in degrees) <input type="checkbox"/> Not Available	
8	Major EAL Heading: BARRIER FAILURE Minor EAL Heading: BA2 STEAM LINE BREAK Unisolable Steam Line Break Outside CTMT One stuck open Steam Generator Safety valve	
NOTE: COMPLETE ITEMS 9-12 FOR UPDATE MESSAGES ONLY.		
9	Forecast Site Wind: <input type="checkbox"/> The wind is expected to shift at _____ hours (military time) from the _____ into the _____ at _____ mph. (in degrees) (in degrees) <input type="checkbox"/> Not Available	
10	Plant Status: <input type="checkbox"/> Stable <input type="checkbox"/> Degrading <input type="checkbox"/> Improving <input type="checkbox"/> Unchanged since last report	
11	Onsite Services Requested: <input type="checkbox"/> Fire <input type="checkbox"/> Ambulance <input type="checkbox"/> Law Enforcement/Security <input type="checkbox"/> None	
12	Access to the site: <input type="checkbox"/> Has been restricted <input type="checkbox"/> Has not been restricted	
13	(For site use only) Name: (Person filling out report)	
14	Message Authorized for release by Shift Manager or DSEO	Date: <u>04/17/05</u> Time: <u>08:46</u>

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Incident Report Form (IRF)

NOTE: FOR AN INITIAL CLASSIFICATION OR A CLASSIFICATION CHANGE, COMPLETE ITEMS 1-8, AND 13 & 14. FOR UPDATE MESSAGE, COMPLETE ALL ITEMS 1-14.

1	IRF Number: 2005046□	Event Classification Date: <u>04/17/05</u> at <u>08:42</u> hours. (<i>military time</i>)
2	<input checked="" type="checkbox"/> NOT a Drill	<input type="checkbox"/> Drill <input type="checkbox"/> Communications Drill (<i>call in drill only</i>)
3	<input type="checkbox"/> Initial Classification	<input type="checkbox"/> Classification Change <input checked="" type="checkbox"/> Update <input type="checkbox"/> Terminated Event
4	Incident Location: <input type="checkbox"/> Millstone Unit 1	<input type="checkbox"/> Millstone Unit 2 <input checked="" type="checkbox"/> Millstone Unit 3
5	Incident Classification: <input type="checkbox"/> An Unusual Event	Posture Code: <input type="checkbox"/> Delta - One <input type="checkbox"/> Delta - Two
	<input checked="" type="checkbox"/> An Alert	<input checked="" type="checkbox"/> Charlie - One
	<input type="checkbox"/> A Site Area Emergency	<input type="checkbox"/> Charlie - Two
	<input type="checkbox"/> A General Emergency	<input type="checkbox"/> Bravo <input type="checkbox"/> Alpha
6	Radiological Release Status: <input checked="" type="checkbox"/> No release	<input type="checkbox"/> Ongoing release <input type="checkbox"/> Terminated release
7	Meteorological Data: <input checked="" type="checkbox"/> Current Site Wind: At <u>10:45</u> hours (<i>military time</i>) from the <u>231</u> (SW) into the <u>051</u> (NE) at <u>13</u> mph	(in degrees) (in degrees)
	<input type="checkbox"/> Not Available	
8	Major EAL Heading: BARRIER FAILURE	Minor EAL Heading: BA2 STEAM LINE BREAK
	Unisolable Steam Line Break Outside CTMT All Steam Generator Safeties indicate closed at this time	
NOTE: COMPLETE ITEMS 9-12 FOR UPDATE MESSAGES ONLY.		
9	Forecast Site Wind: <input checked="" type="checkbox"/> The wind is expected to shift at <u>18:00</u> hours (<i>military time</i>) from the <u>231</u> (SW) into the <u>260</u> (NE) at <u>16</u> mph	(in degrees) (in degrees)
	<input type="checkbox"/> Not Available	
10	Plant Status: <input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Degrading <input type="checkbox"/> Improving <input type="checkbox"/> Unchanged since last report
11	Off-site Services Requested: <input type="checkbox"/> Fire	<input type="checkbox"/> Ambulance <input type="checkbox"/> Law Enforcement/Security <input checked="" type="checkbox"/> None
12	Access to the site: <input type="checkbox"/> Has been restricted	<input checked="" type="checkbox"/> Has not been restricted
13	<i>(For site use only)</i> Name: (<i>Person filling out report</i>)	
14	Message Authorized for release by Shift Manager or DSEO	Date: _____ Time: _____

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1114 update sent

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sent

Incident Report Form (IRF)

NOTE: FOR AN INITIAL CLASSIFICATION OR A CLASSIFICATION CHANGE, COMPLETE ITEMS 1-8, AND 13 & 14. FOR UPDATE MESSAGE, COMPLETE ALL ITEMS 1-14.

1	IRF Number: 2005045	Event Classification Date: 04/17/05 at 09:50 hours. (military time)
2	<input checked="" type="checkbox"/> NOT a Drill <input type="checkbox"/> Drill <input type="checkbox"/> Communications Drill (call in drill only)	
3	<input type="checkbox"/> Initial Classification <input type="checkbox"/> Classification Change <input checked="" type="checkbox"/> Update <input type="checkbox"/> Terminated Event	
4	Incident Location: <input type="checkbox"/> Millstone Unit 1 <input type="checkbox"/> Millstone Unit 2 <input checked="" type="checkbox"/> Millstone Unit 3	
5	Incident Classification:	Posture Code:
	<input type="checkbox"/> An Unusual Event	<input type="checkbox"/> Delta - One <input type="checkbox"/> Delta - Two
	<input checked="" type="checkbox"/> An Alert	<input checked="" type="checkbox"/> Charlie - One
	<input type="checkbox"/> A Site Area Emergency	<input type="checkbox"/> Charlie - Two
	<input type="checkbox"/> A General Emergency	<input type="checkbox"/> Bravo <input type="checkbox"/> Alpha
6	Radiological Release Status: <input checked="" type="checkbox"/> No release <input type="checkbox"/> Ongoing release <input type="checkbox"/> Terminated release	
7	Meteorological Data: <input checked="" type="checkbox"/> Current Site Wind: At 09:51 hours (military time) from the 230 (SW) into the 050 (NE) at 11 mph <small>(in degrees)</small> <small>(in degrees)</small> <input type="checkbox"/> Not Available	
8	Major EAL Heading: BARRIER FAILURE Minor EAL Heading: BAZ STEAM LINE BREAK Unisolable Steam Line Break Outside CTMT All Steam Generator Safeties indicate closed at this time Valid Aux Feedwater actuation on the Motor Driven Feedwater Pumps. Turbine Drive Aux Feedwater Pump Trip Valve found tripped	

NOTE: COMPLETE ITEMS 9-12 FOR UPDATE MESSAGES ONLY.

9	Forecast Site Wind: <input type="checkbox"/> The winds are expected to shift at _____ hours (military time) from the _____ into the _____ at _____ mph <small>(in degrees)</small> <small>(in degrees)</small> <input checked="" type="checkbox"/> Not Available	
10	Plant Status: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Degrading <input type="checkbox"/> Improving <input type="checkbox"/> Unchanged since last report	
11	Critical Services Requested: <input type="checkbox"/> Fire <input type="checkbox"/> Ambulance <input type="checkbox"/> Law Enforcement/Security <input checked="" type="checkbox"/> None	
12	Access to the site: <input type="checkbox"/> Has been restricted <input checked="" type="checkbox"/> Has not been restricted	
13	(For site use only) Name: (Person filling out report)	
14	Message Authorized for release by Shift Manager or DSEO	Date: 04/17/05
		Time: 09:54

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Attachment to April 17, 2005 Event Notification Summary of Event

At approximately 0830 on April 17, 2005 Millstone Unit 3 experienced an automatic reactor trip from full power. The Reactor is in a stable shutdown condition and is proceeding to Mode 5 cold shutdown. No release of radioactivity other than those minor releases associated with normal plant operation has occurred. There were no personnel injuries associated with the event.

In addition to the Reactor Trip, half-train Safety Injection (SI) and half-train Main Steam Isolation (MSI) actuations occurred. Control room personnel were successful at manually initiating full SI and MSI. SI has since been terminated and RCS pressure control has been restored. Multiple steam line safety valves (MSSV) lifted with at least one MSSV indicating a failure to reclose. As a result, an ALERT was declared at approximately 0853 due to the failure of at least one MSSV failing to reclose. All MSSV's are currently closed. Auxiliary Feedwater (AFW) actuated automatically as expected, however, the turbine driven auxiliary feedwater pump (TDAFWP) tripped on start-up and was subsequently reset locally. Both motor driven auxiliary feedwater pumps (MDAFWPs) operated as expected to maintain steam generator water levels. Due to the additional inventory injected to the Reactor Coolant System (RCS) as a result of the SI actuation, the pressurizer filled and a primary system safety valve (PSSV) actuated at a lower than expected pressure. All PSSV's are currently closed, however, there is indication of leakage past either a PSSV or Pilot Operated Relief Valve (PORV). Upon alignment of the Charging system to Refueling Water Storage Tank recirculation flow path, 2 valves had indication of packing leakage. Those packing leaks have been terminated.

The cause of the event is under investigation.

4254

TRANSMITTAL SLIP

To: Bill Gott

Date: 4/17/05

FROM: David Dodson - MILLSTONE POWER STATION

<input checked="" type="checkbox"/>	For Your Information	<input type="checkbox"/>	For Your Signature
<input type="checkbox"/>	For Your Recommendation	<input type="checkbox"/>	Please Note and File
<input type="checkbox"/>	Take Appropriate Action	<input type="checkbox"/>	Note and Return To Me
<input type="checkbox"/>	Please See Me About This	<input type="checkbox"/>	Additional Information is Requested
<input type="checkbox"/>	As You Requested	<input type="checkbox"/>	Please Answer
<input type="checkbox"/>	Prepare Reply For My Signature		
<input type="checkbox"/>	For Your DK (Please Return)		

COMMENTS:

5 ^{and} ~~9~~ pages including cover

301-816-5151
5102

05425

UPDATE 1916 HOURS 4/17/05

Attachment 8
NRC Event Notification Form
(Sheet 1 of 2)

NRC CONTACT (NAME) Bill Gott

NRC EVENT NUMBER: A1607

NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	NAME OF CALLER	TELEPHONE NUMBER
1330	Millstone	3	DAVID P. RODSON	4432276

EVENT TIME (EST OR EDT)	EVENT DATE or IRF#	POWER (%) and MODE BEFORE	POWER (%) and MODE AFTER
0842	2005044	100% MODE 1	0% MODE 3

EVENT CLASSIFICATION	1-Hr Non-Emergency 10 CFR 50.72 (b)(1)	4-Hr Non-Emergency 10 CFR 50.72 (b)(2)	8-11-Hr Non-Emergency 10 CFR 50.72 (b)(3)
GENERAL EMERGENCY	TS Deviation	(i) TS Required Shut down	(ii)(A) Degraded Condition
SITE AREA EMERGENCY		(iv)(A) ECCS Discharge to RCS	(v)(6) Unanalyzed Condition that Degraded Safety
<input checked="" type="checkbox"/> ALERT	10 Day Optional 10 CFR 50.73 (a)(1)	<input checked="" type="checkbox"/> (iv)(B) RPS Actuation (Scram)	<input checked="" type="checkbox"/> (v)(7) Specified System Actuation
UNUSUAL EVENT	Invalid Specified System Actuation	(xi) Offsite Notification	(v)(A) Safe Shutdown Capability
<input checked="" type="checkbox"/> 50.72 NON-EMERGENCY			(v)(B) BEM Capability
PHYSICAL SECURITY (73.71)			(vi)(7) Control of Rad Release
MATERIAL EXPOSURE			(vi)(8) Accident Mitigation
FITNESS FOR DUTY			(xii) Offsite Medical
OTHER UNSPECIFIED REQUIREMENT (IDENTIFY)			(xiii) LOE/ENS
INFORMATION ONLY			(xiv) LOE/ENS Other Assessments/Offsite Comms
			(xv) Emergency Siren
OTHER UNSPECIFIED REQUIREMENT (IDENTIFY):			

DESCRIPTION (fill in as available)
1. SYSTEMS AFFECTED: <u>Reactor Trip, Safety Injection, AFW actuation</u>
2. ACTUATIONS & THEIR INITIATION SIGNALS: <u>Reactor Trip / SI / AFW - Low Steamline Pressure</u>
3. CAUSES (IF KNOWN): <u>Cause is under investigation</u>
4. EFFECT OF EVENT ON PLANT: <u>Various Main Steam Safety Valves, Primary Safety valve actuated</u>
5. ACTIONS TAKEN OR PLANNED: <u>Stabilize plant, coddown to Mode 5 cold shutdown</u>
6. ADDITIONAL INFORMATION: <u>SEE ATTACHMENT</u>

Level of Use Reference



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Attachment 8 NRC Event Notification Form (Sheet 2 of 2)

NOTIFICATIONS	YES <input type="checkbox"/>	NO <input type="checkbox"/>	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES <input checked="" type="checkbox"/>	(EXPLAIN SHEET 1)	NO <input type="checkbox"/>
NRC RESIDENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>		DID ALL SYSTEMS FUNCTION AS REQUIRED?	YES <input type="checkbox"/>		NO <input checked="" type="checkbox"/> (EXPLAIN SHEET 1)
STATE	<input checked="" type="checkbox"/>	<input type="checkbox"/>		MODE OF OPERATION UNTIL CORRECTED:		5	
LOCAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>		ESTIMATED RESTART DATE:		UNK 4/15/04	
OTHER GOV AGENCIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>		ADDITIONAL INFO ON BACK: YES	<input type="checkbox"/>		NO <input checked="" type="checkbox"/>
MEDIA/PRESS RELEASE	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS

LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED
MONITORED	UNMONITORED	OFFSITE RELEASE	T. S. EXCEEDED	RM ALARMS	AREAS EVACUATED
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED		State release (unit in description)	

	Release Rate (Ci/sec)	% T.S. LIMIT	HOO GUIDE	Total Activity (%)	% T.S. LIMIT	HOO GUIDE
Noble Gas			0.1 Ci/sec			1000 Ci
Iodine			10 µCi/sec			0.01 Ci
Particulate			1 µCi/sec			1 mCi
Liquid (excluding tritium & dissolved noble gases)			10 µCi/min			0.1 Ci
Liquid (tritium)			0.2 Ci/min			5 Ci
Total Activity						

	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER
RAD MONITOR READINGS:	1 E24	4.3 E-6	7.48 E-2	Isolated	
ALARM SETPOINTS					
% T.S. LIMIT (if applicable)					

RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS:

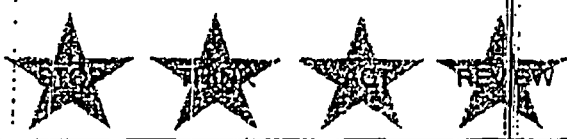
LOCATION OF THE LEAK (e.g., SG#, valve, pipe, etc): None

LEAK RATE:	UNITS gpm/gpd	T. S. LIMITS:	SUDDEN OR LONG-TERM DEVELOPMENT
LEAK START DATE/TIME:		COOLANT ACTIVITY & UNITS:	PRIMARY - SECONDARY -

LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL:

SM/DSEC Signature: *[Signature]* Date: 4/15/04

Level of Use Reference



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COPY
OF FAX SENT AT
1224 on 4/17/05

TRANSMITTAL SLIP

TO: Larry Doerflein Date 4/17/05

FROM: Millstone Power Station - John Rein

<input checked="" type="checkbox"/> For Your Information	<input type="checkbox"/> For Your Signature
<input type="checkbox"/> For Your Recommendation	<input type="checkbox"/> Please Note and File
<input type="checkbox"/> Take Appropriate Action	<input type="checkbox"/> Note and Return To Me
<input type="checkbox"/> Please See Me About This	<input type="checkbox"/> Additional Information is Requested
<input type="checkbox"/> As You Requested	<input type="checkbox"/> Please Answer
<input type="checkbox"/> Prepare Reply For My Signature	
<input type="checkbox"/> For Your OK (Please Return)	

COMMENTS:

Ph # (610) 337-5067

OS425

TRANSMITTAL SLIP

TO: Bill Gott

Date 4/17/05

FROM: David Dodson - MILLSTONE POWER STATION

<input checked="" type="checkbox"/> For Your Information	<input type="checkbox"/> For Your Signature
<input type="checkbox"/> For Your Recommendation	<input type="checkbox"/> Please Note and File
<input type="checkbox"/> Take Appropriate Action	<input type="checkbox"/> Note and Return To Me
<input type="checkbox"/> Please See Me About This	<input type="checkbox"/> Additional Information is Requested
<input type="checkbox"/> As You Requested	<input type="checkbox"/> Please Answer
<input type="checkbox"/> Prepare Reply For My Signature	
<input type="checkbox"/> For Your OK (Please Return)	

COMMENTS:

9 pages including cover

301-816-5151

OS425

41607
MILLSTONE 3
ALERT

Press
release
attached

TRANSMITTAL SLIP

TO: Bill Gott

Date 4/17/05

FROM: David Dodson - MILLSTONE POWER STATION

<input checked="" type="checkbox"/> For Your Information	<input type="checkbox"/> For Your Signature
<input type="checkbox"/> For Your Recommendation	<input type="checkbox"/> Please Note and File
<input type="checkbox"/> Take Appropriate Action	<input type="checkbox"/> Note and Return To Me
<input type="checkbox"/> Please See Me About This	<input type="checkbox"/> Additional Information is Requested
<input type="checkbox"/> As You Requested	<input type="checkbox"/> Please Answer
<input type="checkbox"/> Prepare Reply For My Signature	
<input type="checkbox"/> For Your OK (Please Return)	

COMMENTS:

9 pages including cover

301-816-5151

OS425

Attachment 8
NRC Event Notification Form
(Sheet 1 of 2)

NRC CONTACT (NAME) Bill Gott

NRC EVENT NUMBER: 41607

NOTIFICATION TIME	FACILITY OR ORGANIZATION <u>Millstone</u>	UNIT <u>3</u>	NAME OF CALLER <u>DAVIDE BODSONOWSKI</u> Kevin Drake	TELEPHONE NUMBER (860) <u>4432276</u>
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EVENT TIME (EST OR EDT) <u>0842</u>	EVENT DATE or IRF# <u>2005044</u>	POWER (%) and MODE BEFORE <u>100% MODE 1</u>	POWER (%) and MODE AFTER <u>0% MODE 3</u>
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EVENT CLASSIFICATION	1-Hr Non-Emergency 10 CFR 50.72 (b)(1)	4-Hr Non-Emergency 10 CFR 50.72 (b)(2)	8-Hr Non-Emergency 10 CFR 50.72 (b)(3)
GENERAL EMERGENCY	TS Deviation	(i) TS Required Shut-down	(ii)(A) Degraded Condition
SITE AREA EMERGENCY		(iv)(A) ECCS Discharge to RCS	(ii)(B) Unanalyzed Condition that Degrades Safety
<input checked="" type="checkbox"/> ALERT	60 Day Optional 10 CFR 50.73 (a)(1)	<input checked="" type="checkbox"/> (iv)(B) RPS Actuation (Scram)	<input checked="" type="checkbox"/> (iv)(A) Specified System Actuation
UNUSUAL EVENT	Invalid Specified System Actuation	(xi) Offsite Notification	(v)(A) Safe Shutdown Capability
<input checked="" type="checkbox"/> 50.72 NON-EMERGENCY			(v)(B) RHR Capability
PHYSICAL SECURITY (73.71)			(v)(C) Control of Rad Release
MATERIAL/EXPOSURE			(v)(D) Accident Mitigation
FITNESS FOR DUTY			(xii) Offsite Medical
OTHER UNSPECIFIED REQUIREMENT (IDENTIFY)			(xiii) Lost ENS
INFORMATION ONLY			(xii) Lost Other Assessment/Offsite Comms
			(xiii) Emergency Siren
OTHER UNSPECIFIED REQUIREMENT (IDENTIFY):			

DESCRIPTION: (Fill in as available)

- SYSTEM(S) AFFECTED:
Reactor Trip, Safety Injection, AFW actuation
- ACTUATIONS & THEIR INITIATION SIGNALS:
Reactor Trip/SI/AFW - Low Steam line pressure
- CAUSES (IF KNOWN):
Cause is under investigation
- EFFECT OF EVENT ON PLANT:
Various Main Steam Safety Valves, Primary Safety valve actuated
- ACTIONS TAKEN OR PLANNED:
Stabilize plant, coddown to Mode 3 cold shutdown
- ADDITIONAL INFORMATION:
SEE ATTACHMENT

Level of Use
Reference



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Attachment 8 NRC Event Notification Form (Sheet 2 of 2)

NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES <input checked="" type="checkbox"/> (EXPLAIN SHEET 1)	NO <input type="checkbox"/>
NRC RESIDENT	<input checked="" type="checkbox"/>			DID ALL SYSTEMS FUNCTION AS REQUIRED?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/> (EXPLAIN SHEET 1)
STATE	<input checked="" type="checkbox"/>			MODE OF OPERATION UNTIL CORRECTED:	5	
LOCAL	<input checked="" type="checkbox"/>			ESTIMATED RESTART DATE:	UNKNOWN	
OTHER GOV AGENCIES	<input checked="" type="checkbox"/>			ADDITIONAL INFO ON BACK: YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
MEDIA/PRESS RELEASE	<input checked="" type="checkbox"/>					

RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS

LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED		
MONITORED	UNMONITORED	OFFSITE RELEASE	T. S. EXCEEDED	RM ALARMS	AREAS EVACUATED		
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED		State release path in description			
		Release Rate (Ci/sec)	%T.S. LIMIT	HOO GUIDE	Total Activity (Ci)	% T.S. LIMIT	HOO GUIDE
Noble Gas				0.1 Ci/sec			1000 Ci
Iodine				10 µCi/sec			0.01Ci
Particulate				1 µCi/sec			1 mCi
Liquid (excluding tritium & dissolved noble gases)				10 µCi/min			0.1 Ci
Liquid (tritium)				0.2 Ci/min			5 Ci
Total Activity							

	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER
RAD MONITOR READINGS:	1 E20	4.3 E-6	7.48 E-2	Isolated	
ALARM SETPOINTS					
% T.S. LIMIT (if applicable)					

RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS:

LOCATION OF THE LEAK (e.g., SG#, valve, pipe, etc): None

LEAK RATE:	UNITS gpm/gpd	T. S. LIMITS:	SUDDEN OR LONG-TERM DEVELOPMENT
LEAK START DATE: TIME:		COOLANT ACTIVITY & UNITS: PRIMARY - SECONDARY -	

LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL:

SM/DSEO Signature : *[Signature]* for B. Hoffman Time: 1:320

Level of Use Reference



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Attachment to April 17, 2005 Event Notification Summary of Event

At approximately 0830 on April 17, 2005 Millstone Unit 3 experienced an automatic reactor trip from full power. The Reactor is in a stable shutdown condition and is proceeding to Mode 5 cold shutdown. No release of radioactivity other than those minor releases associated with normal plant operation has occurred. There were no personnel injuries associated with the event.

In addition to the Reactor Trip, half-train Safety Injection (SI) and half-train Main Steam Isolation (MSI) actuations occurred. Control room personnel were successful at manually initiating full SI and MSI. SI has since been terminated and RCS pressure control has been restored. Multiple steam line safety valves (MSSV) lifted with at least one MSSV indicating a failure to reclose. As a result, an ALERT was declared at approximately 0853 due to the failure of at least one MSSV failing to reclose. All MSSV's are currently closed. Auxiliary Feedwater (AFW) actuated automatically as expected, however; the turbine driven auxiliary feedwater pump (TDAFWP) tripped on start-up and was subsequently reset locally. Both motor driven auxiliary feedwater pumps (MDAFWPs) operated as expected to maintain steam generator water levels. Due to the additional inventory injected to the Reactor Coolant System (RCS) as a result of the SI actuation, the pressurizer filled and a primary system safety valve (PSSV) actuated at a lower than expected pressure. All PSSV's are currently closed, however; there is indication of leakage past either a PSSV or Pilot Operated Relief Valve (PORV). Upon alignment of the Charging system to Refueling Water Storage Tank recirculation flow path, 2 valves had indication of packing leakage. Those packing leaks have been terminated.

The cause of the event is under investigation.

COPY
OF FAX SENT AT
1224 on 4/17/05

TRANSMITTAL SLIP

TO: Larry Doerflein Date 4/17/05

FROM: Millstone Power Station - John Rein

<input checked="" type="checkbox"/> For Your Information	<input type="checkbox"/> For Your Signature
<input type="checkbox"/> For Your Recommendation	<input type="checkbox"/> Please Note and File
<input type="checkbox"/> Take Appropriate Action	<input type="checkbox"/> Note and Return To Me
<input type="checkbox"/> Please See Me About This	<input type="checkbox"/> Additional Information is Requested
<input type="checkbox"/> As You Requested	<input type="checkbox"/> Please Answer
<input type="checkbox"/> Prepare Reply For My Signature	
<input type="checkbox"/> For Your OK (Please Return)	

COMMENTS:

Ph # (610) 337-5067

OS425

Incident Report Form (IRF)

NOTE: FOR AN INITIAL CLASSIFICATION OR A CLASSIFICATION CHANGE, COMPLETE ITEMS 1-8, AND 13 & 14. FOR UPDATE MESSAGE, COMPLETE ALL ITEMS 1-14.

1	IRF Number: 2005046□	Event Classification Date: <u>04/17/05</u> at <u>08:42</u> hours. (<i>military time</i>)	
2	<input checked="" type="checkbox"/> NOT a Drill	<input type="checkbox"/> Drill	<input type="checkbox"/> Communications Drill (<i>call in drill only</i>)
3	<input type="checkbox"/> Initial Classification	<input type="checkbox"/> Classification Change	<input checked="" type="checkbox"/> Update <input type="checkbox"/> Terminated Event
4	Incident Location: <input type="checkbox"/> Millstone Unit 1 <input type="checkbox"/> Millstone Unit 2 <input checked="" type="checkbox"/> Millstone Unit 3		
5	Incident Classification:		Posture Code:
	<input type="checkbox"/> An Unusual Event		<input type="checkbox"/> Delta - One <input type="checkbox"/> Delta - Two
	<input checked="" type="checkbox"/> An Alert		<input checked="" type="checkbox"/> Charlie - One
	<input type="checkbox"/> A Site Area Emergency		<input type="checkbox"/> Charlie - Two
	<input type="checkbox"/> A General Emergency		<input type="checkbox"/> Bravo <input type="checkbox"/> Alpha
6	Radiological Release Status: <input checked="" type="checkbox"/> No release <input type="checkbox"/> Ongoing release <input type="checkbox"/> Terminated release		
7	Meteorological Data: <input checked="" type="checkbox"/> Current Site Wind: At <u>10:45</u> hours (<i>military time</i>) from the <u>231</u> (SW) into the <u>051</u> (NE) at <u>13</u> mph <small>(in degrees) (in degrees)</small> <input type="checkbox"/> Not Available		
8	Major EAL Heading: BARRIER FAILURE Minor EAL Heading : BA2 STEAM LINE BREAK Unisolable Steam Line Break Outside CTMT All Steam Generator Safeties indicate closed at this time		
NOTE: COMPLETE ITEMS 9-12 FOR UPDATE MESSAGES ONLY.			
9	Forecast Site Wind: <input checked="" type="checkbox"/> The wind is expected to shift at <u>18:00</u> hours (<i>military time</i>) from the <u>231</u> (SW) into the <u>260</u> (NE) at <u>16</u> mph. <small>(in degrees) (in degrees)</small> <input type="checkbox"/> Not Available		
10	Plant Status: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Degrading <input type="checkbox"/> Improving <input type="checkbox"/> Unchanged since last report		
11	Offsite Services Requested: <input type="checkbox"/> Fire <input type="checkbox"/> Ambulance <input type="checkbox"/> Law Enforcement/Security <input checked="" type="checkbox"/> None		
12	Access to the site: <input type="checkbox"/> Has been restricted <input checked="" type="checkbox"/> Has not been restricted		
13	<i>(For site use only)</i> Name: (<i>Person filling out report</i>)		
14	Message Authorized for release by Shift Manager or DSEO	Date:	Time:

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Page 1 of 1

1114 update sent

04/17/2005

18:11 AM

RapidReach

From:

To:

860 437 2739 Page 1

Incident Report Form (IRF)

NOTE: FOR AN INITIAL CLASSIFICATION OR A CLASSIFICATION CHANGE, COMPLETE ITEMS 1-8, AND 13 & 14. FOR UPDATE MESSAGE, COMPLETE ALL ITEMS 1-14.		
1	IRF Number: 2005045	Event Classification Date: 04/17/05 at 09:50 hours. (military time)
2	<input checked="" type="checkbox"/> NOT a Drill <input type="checkbox"/> Drill <input type="checkbox"/> Communications Drill (call in drill only)	
3	<input type="checkbox"/> Initial Classification <input type="checkbox"/> Classification Change <input checked="" type="checkbox"/> Update <input type="checkbox"/> Terminated Event	
4	Incident Location: <input type="checkbox"/> Millstone Unit 1 <input type="checkbox"/> Millstone Unit 2 <input checked="" type="checkbox"/> Millstone Unit 3	
5	Incident Classification: <input type="checkbox"/> An Unusual Event	Posture Code: <input type="checkbox"/> Delta - One <input type="checkbox"/> Delta - Two
	<input checked="" type="checkbox"/> An Alert	<input checked="" type="checkbox"/> Charlie - One
	<input type="checkbox"/> A Site Area Emergency	<input type="checkbox"/> Charlie - Two
	<input type="checkbox"/> A General Emergency	<input type="checkbox"/> Bravo <input type="checkbox"/> Alpha
6	Radiological Release Status: <input checked="" type="checkbox"/> No release <input type="checkbox"/> Ongoing release <input type="checkbox"/> Terminated release	
7	Meteorological Data: <input checked="" type="checkbox"/> Current Site Wind: At 09:51 hours (military time) from the 230 (SW) into the 050 (NE) at 11 mph (in degrees) (in degrees) <input type="checkbox"/> Not Available	
8	Major EAL Heading: BARRIER FAILURE Minor EAL Heading: BAZ STEAM LINE BREAK Unisolable Steam Line Break Outside CTMT All Steam Generator Safeties indicate closed at this time Valid Aux Feedwater actuation on the Motor Driven Feedwater Pumps. Turbine Drive Aux Feedwater Pump Trip Valve found tripped	
NOTE: COMPLETE ITEMS 9-12 FOR UPDATE MESSAGES ONLY.		
9	Forecast Site Wind: <input type="checkbox"/> The wind is expected to shift at _____ hours (military time) from the _____ (in degrees) into the _____ (in degrees) at _____ mph. <input checked="" type="checkbox"/> Not Available	
10	Plant Status: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Degrading <input type="checkbox"/> Improving <input type="checkbox"/> Unchanged since last report	
11	Offsite Services Requested: <input type="checkbox"/> Fire <input type="checkbox"/> Ambulance <input type="checkbox"/> Law Enforcement/Security <input checked="" type="checkbox"/> None	
12	Access to the site: <input type="checkbox"/> Has been restricted <input checked="" type="checkbox"/> Has not been restricted	
13	(For site use only) Name: (Person filling out report)	
14	Message Authorized for release by Shift Manager or DSEO	Date: 04/17/05 Time: 09:54

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of fax
sent

(117 sent

**Dominion****NEWS RELEASE**Release # 1Date: 04-17-2005Information as of: 10:49 4-17-2005**DOMINION DECLARES ALERT AT MILLSTONE POWER STATION**

WATERFORD, Conn. – An emergency was declared today at Millstone Power Station Unit 3. An Alert, the second lowest of four emergency classifications used by the U.S. Nuclear Regulatory Commission, was declared at 8:42 a.m.

Unit 3 has been shutdown and is in a stable condition. Federal, state and local emergency response agencies have been notified. An Alert ensures that additional emergency response personnel are on standby and ready to respond if needed.

No release of radioactive material has occurred beyond those minor releases associated with normal plant operations. These minor releases pose no danger to the public or plant workers. The minor releases are below federally approved operating limits, below natural background levels and can not be detected at the site boundary.

Further information about conditions at Millstone will be provided as it becomes available.

As part of the Millstone emergency response plan, an Emergency Operations Facility has been activated at the nuclear station in Waterford, Connecticut.

The Millstone Power Station is owned and operated by Dominion.