APR-17-2005 SUN 01:44 PM MP MANAGER PUBLIC INFO.

P. 04

41607

# 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.

APR-17-2005 SUN (	07:27 PM EOF EP	Fax No. 4264	P. 05
			41607
	Attachment to April 17, 200		on
	<b>Summary of</b>	Буен	
Event No	0. 416U/		
Update to	previous information:		
	ously reported time of the ALER		
to nead 08	342. Millstone Unit 3 entered Mod	de 4 at approximately	1903 on
	2005. The event at Millstone Uni		
411; I <b>U</b>	-	7/2005 SUN 19:29 [TX	/RX NO 9925] 2005



**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.

P. 09

APR-17-2005 SUN 01:43 PM MP MANAGER PUBLIC INFO. FAX NO. 860 437 2739

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			otification Form			
	(Sh	iee	t1 of 2)			
NRC CONTACT (NAM	E) Bill Gott		NRC EVEN	TI	NUMBER: <u>41607</u>	
TIFICATION TIME   FACILIT	Y OR ORGANIZATION	UN	IT NAME OF CALLER		TELEPHONE NUM	BER
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EVENT CLASSIFICATION	1-fr Non-Emergency 10 CFR 50.72 (b)(1)		4-Hr Non-Emergency 10 CFR 50.72 (b)(2)	Γ	8-Hr Non-Emergency 10 CFR 50.72 (b)(3)	
GENERAL EMERGENCY	TS Deviation	T	(i) TS Required Shut- down	Γ	(ii)(A) Degraded Condition	
SITE AREA EMERGENCY		k	(iv)(A) ECCS Discharge to RCS		(ii)(B) Unanalyzed Condi- tion that Degrades Safety	
ALERT	60 Day Optional 10 CFR 50.73 (a)(1)	X	(iv)(B) RPS Actuation (Scram)	X	(iv)(A) Specified System Ac- tuation	
UNUSUAL EVENT	Invalid Specified System Ac- tuation		(xi) Offsite Notification	Γ	(v)(A) Safe Shutdown Ca- pability	
50.72 NON-EMERGENCY					(v)(B) RHR Capability	
					(v)(C) Control of Rad Re- lease	
MATERIAL/EXPOSURE		┢		┢─	(v)(D) Accident Mitigation	
FITNESS FOR DUTY					(xii) Offsite Medical	
					(xiii) Lost ENS	
NFORMATION ONLY					(xiii) Lost Other Assess- ment/Offsite Comms	
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C1/17/2005 09:31 RM RapidReach Fren: To: 868 437 2741 Page 1

	Incid	ent Report For	m (IRF)	
NO	TE: FOR AN INITIAL CLASSIFICATION			
	ITEMS 1-3, AND 13 & 14. FOR UPD RF Number:		ent Classification	(LMS 1-14.
1		Date: <u>04/17/05</u>		ry time)
2	🖾 NOT a Drill		Communications Drill	
3		cation Change	Update [	Terminated Event
	Incident Location:		the training to the training t	
4.	Millstone Unit 1	] Millstone Un	it 2 🛛 1	Millstone Unit 3
	Incident Classification:	Posture Code:		
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5	An Alert	🖾 Charlie -	One	
	A Site Area Emergency	. Charlie -	Two	
	A General Emergency	🛛 Вгачо	🗌 Alpha	
6	Radiological Release Status:			•
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	Meteorological Data:			
7	Current Site Wind: At <u>08:45</u> hours (mi.	illary time) Irot	$\frac{1}{(n \log \cos)}$	(n degrees)
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	Major EAL Heading: BARRIER FAILURE	Minor	EAL Heading : BA2 STEAL	M LINE BREAK
8	Unisolable Steam Line Break Outside CTMT One stuck open Steam Generator Safety valve			
NO	TE: COMPLETE ITEMS 9-12 FOR UPDA	TE MESSACES		<u>.</u>
	Foremen Site Wind			
9	The wind is respected to shift at bound	fulling and from	the into the	al mpa
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10		. Improving		Inclusied since last report.
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		HIAW Enforce	envent/Sootnity	None
12	Abords to the sale.	Has not been	restricted	
13	(For site use only) Name: (Person filling out report)			
14	Message Authorized for release by Shift Manager or DS	SEO	Date: 04/17/05	Time: 08:46

Rev. 001-01 Page 1 of 1 •

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		ent Report Form (IRF)
10	TE: FOR AN INITIAL CLASSIFICATION ITEMS 1-8, AND 13 & 14. FOR UPDA	OR A CLASSIFICATION CHANGE, COMPLETE ATE MESSAGE, COMPLETE ALL ITEMS 1-14.
	IRF Number:	Event Classification
I	2005046□ ]	Date: 04/17/05 at 08:42 hours. (military time)
2	🖾 NOT a Drill 🗌 Drill	Communications Drill (call in drill only)
3	Initial Classification Classific	cation Change 🛛 Update 🗌 Terminated Event
4	Incident Location: Millstone Unit 1	Millstone Unit 2 Millstone Unit 3
	Incident Classification:	Posture Code:
		Charlie - One
5	An Alert	
	A Site Area Emergency	Charlie - Two
	A General Emergeney	Bravo Alpha
6	Radiological Release Status:	Terminated release
	Meteorological Data:	
7	Current Site Wind: At 10:45 hours (mil	litary time) from the 231 (SW) into the 051 (NE) at 13 mph
	. Not Available	(in degrees) (in degrees)
	Major EAL Heading: BARRIER FAILURE	Minor EAL Heading : BA2 STEAM LINE BREAK
8	Unisolable Steam Line Break Outside CTMT	
	All Steam Generator Safeties indicate closed a	t this time
NO	TE: COMPLETE ITEMS 9-12 FOR UPDA	TE MESSAGES ONLY.
	Porecast Side Wind	military timer from the 231 (SW) into the 260 (NE) at 16 mpb
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10	Plant Status	Improving
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11		M Law Enforcement /Security None
12	Access to the and	Museul and a set of the
	(For site use only)	-AN-DAS-IEE DEELITESU (CLCU
13	Name: (Person filling out report)	
14	Message Authorized for release by Shift Manager or I	DSEO Date: Time:
L	1	MP-26-EPI-FAP07-001
		Rev. 001-01 Page 1 of 1
		1114 update sent
		' "

APR-17-2005 SUN 01:46 PM MP MANAGER PUBLIC INFO.

11/17/2005	18:11 RH	RapidReach	Fras:	To:	868 937 2791	Tage	1
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2						
3		cation Change	🛛 U	pdate		nated Event
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			<u>ліс</u>		4 = 1WU	
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	A Site Area Emergency	Charlie -	·Two			
	A General Emergency	Bravo		Alph		
	Radiological Release Status:					
6	🛛 No release 🗌 Ongoing release	́ Пт	crminated	release		
	Meteorological Data:					
7	Current Site Wind: At 09:51 hours (mi	litary time) from			the 050 (N	E) at <u>11 mp</u> i
7	Current Site Wind: At <u>09:51</u> hours (mi	litary time) from		(SW) into द्रान्ड)	the <u>050</u> (N (in degre	E) at <u>11</u> mpl es)
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7	🗌 Not Avzilable		(in de	නු <b>ස</b> ේ)	(in degro	ca) 
	<ul> <li>Not Available</li> <li>Major EAL Heading: BARRIER FAILURE</li> <li>Unisolable Steam Line Break Outside CTMT</li> <li>All Steam Generator Safeties indicate closed at th</li> </ul>	Minor	(n de EAL Headir	हुन्द) hg:BA2 ST	(in degro EAM LINE B 	er) DREAK
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8	<ul> <li>Not Available</li> <li>Major EAL Heading: BARRIER FAILURE</li> <li>Unisolable Steam Line Break Outside CTMT</li> <li>All Steam Generator Safeties indicate closed at th</li> <li>Valid Aux Feedwater actuation on the Motor Driffound tripped</li> </ul>	Minor is time ven Feedwater Pun	(in de EAL Headir aps. Turbir	हुन्द) hg:BA2 ST	(in degro EAM LINE B 	••) REAK
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P. 04

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

At approximately 0830 on April 17, 2005 Millstone Unit 3 experienced an automatic reactor hip 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) while If train Main Steam Isolation (MSI) actuations occurred. Control room personnel werf successful at manually initiating full SI and MSI SI has since been territinated and RCS pressure control has been restored. Multiple steam line safely valves (MS\$V) lifted with at least one MSSV indicating alfaiture to recipse. As a result, an ALERT was declared at approximately 0851 due to the failure of at least one MSSV failing to reclose. All M\$\$V is are currently closed. Auxiliary Feedwater (AFW) actuated automatically as expected however; the turbine driven auxiliary feedwater pump (TUAFWP) tripped on start-up and was subsequently reset locally. Both motor riven auxiliary feedwater pumps (MDAFWPs) operated as expected it mintain 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 filler 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 leakinge past either a PSSV or Pilot Operated Relief Milve (PURV) Upon alignment of the Charging system to Refueling Wa Stdfage Fank recirculation flow path, 2 valves had indication of packing learing en Those packing leaks have been terminated.

The cause of the event is under investigation.

APR-17-2005 SUN 07:26 PM EOF EP FAX NO. 4264 P. 01 4254 TRANSMITTAL SLIP 4 10/10 Date ro Bill Gott. FROM: David Dodson - MILLSTONE WER STATION For Your Signat For Your Information For Your Recommendation Please Note and Fili Ū Note and Retur Take Appropriate Action ינים Additional Inte Please See Me About This n As You Requested Please Answ Propare Reply For My Elgnature  $\Box$ For Your DK (Please Return) oud ou COMMENTS: 5 A nallding cover ፍሮ 30 816+ 05425 04/17/2005 SUN 19:29 TTX/RX NO 99251 20001

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P. 05

OPY. OF FAX SENT AT 1224 on 4/17/05 TRANSMITTAL SLIP Date\_ TO: Larry Doerflein FROM: Millstone Power Station - John Run For Your Information For Your Signature
 Please Note and Flic For Your Recommendation Take Appropriate Action Note and Return To Me Additional Information n Please See Me About This Is Requested As You Requested Prepare Reply For My Signature Ficase Answer n For Your OK (Please Roturn) COMMENTS:

Ph # (610) 337-5067

OS425

P. 01

TRANSMITTAL SLIP Date 4 17/05 TO: Bill Gott FROM: David Dodson - MILLSTONE POWER STATION For Your Information For Your Signature For Your Recommendation Please Note and File Note and Return To Me Take Appropriate Action Please See Me About This Additional Information is Requested As You Requested Prepare Reply For My Signature Please Answer  $\overline{\Box}$ For Your OK (Please Return) COMMENTS: 9 pages including cover 301-816-5151

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04/17/2005 SUN 13:46 [TX/RX NO 9923] 2001

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P. 01

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TRANS	MITTAL SLIP
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FROM: David DC	dson - MILLSTONE POWER STATION
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COMMENTS:

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## P. 02

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	SITE AREA EMERGENCY		. <u> </u>	k	(iv)(A) ECCS Discharge to RCS		(ii)(B) Unanalyzed Condi- tion that Degrades Safety	
	ALERT		60 Day Optional 10 CFR 50.73 (a)(1)	k	(iv)(B) RPS Actuation (Scram)	X	(iv)(A) Specified System Ac- tuation	
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	50.72 NON-EMERGENCY	Τ					(v)(B) RHR Capability	
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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.

P. 05

COPY. OF FAX SENT AT 1224 on 4/17/05 TRANSMITTAL SLIP Date\_4 TO: Larry Doerflein FROM: Millstone Power Station - John Rein For Your Information For Your Signature Please Note and File For Your Recommendation Note and Return To Me Take Appropriate Action Additional Information Please See Me About This is Requested As You Requested Please Answer Prepare Reply For My Signature П For Your OK (Please Return)

COMMENTS:

Ph# (610) 337-5067

OS425

01/17/2885	03:31 RM	RapidReach	Fran:	To:	868 437 2741	Page	1
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		ent Report For							
NO	TE: FOR AN INITIAL CLASSIFICATION ITEMS 1-3, AND 13 & 14. FOR UPD								
	IRF Number:	Ev	ent Classification						
	2005044D I	Date: 04/17/05	at 08:42 hours. (r	nilitary time)					
2	🛛 NOT a Drill 🗌 Drill		Communications	Drill (call in drill only)					
3	Initial Classification	cation Change	Update	Terminated Ev	ent				
4.	Incident Location:								
	Millstone Unit 1	Millstone Uni	it 2	Millstone Unit 3					
	Incident Classification	Posture Code:							
	An Unusual Event	Delta - O		cita - Two					
5	An Alext	Charlie -	One						
Į	A Site Area Emergency	Charlie -	Two						
	A General Emergency	Bravo		lpha					
6	Radiological Release Status:								
	No release Ongoing release Terminated release								
}	Meteorological Data:								
7	Current Site Wind: At <u>08:45</u> hours ( <i>military time</i> ) from the <u>246</u> (WSW) into the <u>066</u> (ENE) at <u>2 mph</u>								
	Not Available								
	Major EAL Heading: BARRIER FAILURE Minor EAL Heading: BA2 STEAM LINE BREAK								
8	Unisolable Steam Line Break Outside CIMT								
NO	One stuck open Steam Generator Safety valve TE: COMPLETE ITEMS 9-12 FOR UPDA	TEMERACES		<u>.</u>					
	Tosarin Site Wind	IL MESSAGE	OALI.						
9		faille and stand from	The	the at t					
9	The wind is expected to shift at hour		(n(desysee)	(U Acartes)					
	CI Not Available								
1 10 1	Plen Stahle Doerading								
	Office Services Remested	E Dyroving		- Unchanged incod	ast neport				
11	E Fire	E Law Enforc	ement/Scounty	🗋 None					
12	Access to the site.				100000000				
12		Has not been	reitricted						
13	(For site use only) Name: (Person filling out report)								
14	Message Authonized for release by Shift Manager or DS	SEO .	Date:	Time:					
14			04/17/05	08:46					
	· MP-26-EP(FAP07-00) R_ry, 001-01								

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		ent Report Form (IRF)						
		OR A CLASSIFICATION CHANGE, COMPLETE ATE MESSAGE, COMPLETE ALL ITEMS 1-14.						
	IRF Number:	Event Classification						
1	2005046□ ]	Date: 04/17/05 at 08:42 hours. (military time)						
2	NOT a Drill Drill	Communications Drill (call in drill only)						
3		cation Change 🛛 Update 🗌 Terminated Event						
4	Incident Location; Millstone Unit 1 [	Millstone Unit 2 Millstone Unit 3						
	Incident Classification:	Posture Code:						
	An Unusual Event	Delta - Onc Delta - Two						
5	🛛 An Alert	🛛 Charlie - One						
	A Site Area Emergency	Charlie - Two						
	A General Emergency	🗌 Bravo 🔲 Alpha						
6	Radiological Release Status:							
	⊠ No release ☐ Ongoing release	Terminated release						
ĺ	Meteorological Data:	itary time) from the 231 (SW) into the 051 (NE) at 13 mph						
7	•	(in degrees) (in degrees)						
•	Not Available							
1 0	Major EAL Heading: BARRIER FAILURE Unisolable Steam Line Break Outside CTMT	Minor EAL Heading : BA2 STEAM LINE BREAK						
8	All Steam Generator Safeties indicate closed a	t this time						
NO	TE: COMPLETE ITEMS 9-12 FOR UPDA	TE MESSACES ONLY						
	Porecast Site Wind							
9	The wind is expected to shift at 18:00 hours	milliary and from the 231 (SW) into the 260 (NE) at 16 mph.						
	[7] Not Available	and//ary many from the 231 (SW) into the 260 (NE) at 16 mph. (a degree) [In (a gree)						
	ante and a second and a second and a second second a second and a second and a second and a second and a second							
10	Stable Degrading	Improving     Inclianged since last report     Improving     Inclianged since last report						
11	Offisite Services Requested							
	E fire Ambulance	Iaw Enforcement /Security						
12	Access to the nice	X Has not been restricted						
13	(For site use only)							
13	Name: (Person filling out report)							
14	Message Authorized for release by Shift Manager or J	DSEO Date: Time:						
<u> </u>		MP-26-EPI-FAP07-001						
		Rcv. 001-01 Page 1 of 1						
		1114 update sent						

		T								
NO	TE: FOR AN INITIAL CLASS	Incident Report Fo		NCE COMPL	ETTE -					
		FOR UPDATE MESSAG								
	IRF Number:		ent Classification							
1	20050450	Date: 04/17/05	at <u>09:50</u> hours. (	military time)						
2	🖾 NOT a Drill	Drill	Communication	Drill (call in di	rill only)					
3	Initial Classification	Classification Change	Update V	🗌 Termin	ated Event					
	Incident Location:									
4	Millstone Unit 1	🔲 Millstone Un	uit 2	🛛 Millstone	Unit 3					
	Incident Classification:	Posture Code:	······							
	An Unusual Event	Delta - (	Duc 🗌 I	Delta - Two						
5	🖂 An Alert	Charlie	One							
٦ 	A Site Area Emergency		Thus							
			Charlie - Two							
	A General Emergency	Bravo		lpha						
6	Radiological Release Status:									
-	No release Ongoing release Terminated release									
	Meteorological Data:									
7	Current Site Wind: At 09:51 hours (military time) from the 230 (SW) into the 050 (NE) at 11 mph (in degrees) (in degrees)									
	Not Available									
	Major EAL Heading: BARRIER FAILURE Minor EAL Heading: BA2 STEAM LINE BREAK									
8	Unisolable Steam Line Break Outs			•	•• ••					
	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									
_	TE: COMPLETE ITEMS 9-12	FOR UPDATE MESSAGE	SONLY.		1473 (17) - 1444 (14) (14) (17) (17) (17)	2004				
Ē	Forecast Stor Wind-					ЗÌ)				
9	The wind is expected to shift a	ncus milliny time fro	n une (in degree)	oue indenti-	ar <u>a</u> mph.					
	🖾 Not Available									
INB	Plant Scatter									
	Stable Degrading	E. Lincoving		E Unchinge	f since last rep	э <b>н</b>				
11	Office Services Requested									
-		E Lav Entor	cment/Socurity	None						
2	Access to the star	restricted 🛛 🔀 Has not bee								
-†	(For site use only)	A STATEMENT AND A STATEMENT DEC	in contraction we the			1999. 1999.				
3	Name: (Person filling out report)					ł				
"						- 1				

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APR-17-2005 SUN 01:47 PM MP MANAGER PUBLIC INFO. FAX NO. 860 437 2739

Dominion

## **NEWS RELEASE**

P. 09

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.

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The Millstone Power Station is owned and operated by Dominion.

04/17/2005 SUN 13:46 [TX/RX NO 9923] 2009