

A-7



NEW YORK STATE DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL PROTECTION

ENVIRONMENTAL
TH MANUAL

PROCEDURE

10/11/84

TRANSMITTAL LETTER TL 84-7

PROCEDURE: RAD 320
ISSUING UNIT: Bureau of Environmental
Radiation Protection
SUBJECT: Radiological Emergencies

DOCKETED
PAGE 1 NR OF 4

AUG 11 P5:56

L00440

OFFICE OF ENVIRONMENTAL
DOCKETING & CONTROL

POLICY:

All radiological emergencies, including accidents or incidents involving radioactive materials or radiation-producing equipment and all reported radiation overexposures or accidental exposures, need to be investigated so that corrective measures may be taken.

OBJECTIVE:

To eliminate the emergency situation, mitigate its effects on public health and safety, and prevent recurrence.

INFORMATION

Forms: Initial Notification Form - Radiological Emergencies
FOMG-1, Problem Alert

PROCEDURE:

Notification:

Affected Facility Operator;
U.S. Nuclear Regulatory
Commission (NRC);
U.S. Department of Energy,
Radiological Assistance
Plan (RAP)

1. Reports a radiological emergency to:
 - 1a. Bureau of Environmental Radiation Protection (BERP) or Regional Radiological Health Specialist (RRHS), using Emergency Notification List (Attachment 1).
 - 1b. If BERP or RRHS cannot be contacted, reports emergency to state Warning Point (SWP).
2. When a report of a radiological emergency is received, notifies BERP by calling staff in the order listed in Attachment 1. Continues to call until personal contact is made.

Case No. 50-322-04-3 Official Exhibit No. 7
LILCO DS
(GC, Board, Party)

Disposition: Identified ✓
Rejected _____ Received ✓

IN THE MATTER OF:
SWP LILCO

Date: 7-11-83 Witness: _____ Reporter: DWS

No. Pages: _____

8808160136 880711
PDR ADOCK 05000322
G PDR

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Bureau of Environmental
Radiation Protection (BERP)

3. Receives report of radiological emergency and obtains information on Initial Notification Form (Attachment 2).
4. Telephones appropriate person (facility) initiating emergency notification and obtains information on Attachment 2.
5. Determines if emergency actually exists and what response is needed.
6. If warranted, provides contact person at the scene with appropriate precautionary instructions, pending on-site evaluation.
7. Contacts appropriate response agency, if other than Department of Health (DOH). Lead Response Agency Guide (Attachment 3) may be used.
8. If appropriate agency representative cannot be reached or if they request assistance, and, in cases where DOH is responsible, requests appropriate local health unit (LHU), by telephone, to respond. Uses Attachment 1 for appropriate LHU notification.
 - 8a. Requests appropriate RRHS to stand by for providing assistance to LHU if necessary.
 - 8b. If LHU has no response capability, requests RRHS nearest to scene of emergency to respond.
 - 8c. If RRHS is not available, requests Radiological Health Specialist (RHS) assigned to Central Office to respond.
9. Notifies, by telephone, Director, Field Operations Management Group (FOMG), of emergency and actions taken. Uses Attachment 1 list for notification.

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RRHS, LHU (or RHS requested
to respond)

10. Notifies Director, Public Affairs Group, of emergency (Attachment 1).
11. If notified by SWP, notifies Director, State Emergency Management Office (SEMO) (Attachment 1).
12. Completes form FOMG-i (Attachment 4). If off duty, completes form FOMG-1 on next working day.
13. Telephones on-scene contact, obtains pertinent information and determines appropriate response.
14. Notifies supervisor.
 - 14a. If notified by other than BERP, notifies BERP of emergency and planned response, using Attachment 1 list. (Notification of BERP may be made by a person not responding to the emergency.)
 - 14b. If leaving for the emergency site and if immediate notification cannot be made with BERP, notifies BERP of radiological emergency, providing brief description of event, and requests SWP to forward information on Attachment 2 to BERP.

Response:

RRHS, LHU (or RHS requested
to Respond)

15. Proceeds to emergency site with necessary equipment.
16. Evaluates emergency and determines the need for corrective measures to be taken, environmental releases, if any, and the need to inform the public.
 - 16a. Makes immediate recommendations to radiation source operator or carrier, notifies appropriate local officials and recommends action to be taken, if necessary.

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BERP

17. Makes appropriate measurements and collects environmental or wipe samples as needed. Forwards samples to Laboratory of Radiological Sciences (LRS) or to BERP. Completes appropriate information (see Attachment 5) for all samples sent to the laboratory.
18. Prepares report of emergency, including any noted Code violations and appropriate recommendations. Forwards to BERP, with one copy to operator, if a DOH licensee or registrant.
19. Inspects facilities regulated by DOH, as necessary, to determine compliance with Code and/or recommendations.
20. Provides assistance to RRHS or LHU as needed, or responds in lieu of RRHS or LHU, if necessary.
21. Evaluates available information and requests collection of environmental samples.
22. Coordinates analysis of collected samples with LRS and provides results to RRHS and LHU, as appropriate.
23. Distributes copies of final report to appropriate recipients of the Problem Alert form.
24. Forwards copies of final report to appropriate Federal or State agencies and requests their follow-up with facilities they regulate.

NEW YORK STATE DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH
FIELD OPERATIONS MANAGEMENT GROUP

Attachment 4

- Commissioner of Health - Rm. 1408
- Executive Deputy Commissioner - Rm. 1495
- Director, Public Health/Exec. Director - Rm. 1482
- Director, Field Operations Mgt. Group - Rm. 2202
- Director, Center for Labs & Research - Room E260
- Director, Health Education Promotion Svcs. - Rm. 1
- Director, Public Affairs Group - Rm. 1455
- Director, Center for Environ. Health - Rm. 402
- Director, Div. of Environ. Protection - Rm. 495
- Dr. Husain, LINC, CI&R Room D539
- Regional Director _____
- Regional Rad. Health Spec. _____
- Director, Center for Community Health - Rm. 503

PROBLEM ALERT

TO: _____

FROM: _____

L00414

Site Name and Owner: _____

Location: _____ (C,T,V); _____ (County)

Call From: _____ (Name) _____ (Title)

_____ (Unit) _____ (Address)

Date: _____ Time: _____ Phone: AC _____ Tie Line _____ No. _____

Problem (Describe circumstances, area affected, and possible duration):

Action Undertaken: _____

Samples collected by the Health Department? YES _____ NO _____

Type of sample(s) _____

Responsible Division for Follow-up: _____

Field Operations Management Group

TL 84-7
Attachment 5

NEW YORK STATE DEPARTMENT OF HEALTH
Wadsworth Center for Laboratories and Research, Empire State Plaza, Albany, N.Y. 12201
Radiologic Laboratory Determination

RSL Lab Number		Submitted by			
		L00445			
City, Town, Village		County		Date Collected	
Sampling Point			Station		Date Received
			Site		Date Reported
Collection Procedure			Type of Sample		
<input type="checkbox"/> Grab	<input type="checkbox"/>	<input type="checkbox"/> Air	<input type="checkbox"/>	<input type="checkbox"/> Milk	<input type="checkbox"/> Urine
<input type="checkbox"/> Composite	<input type="checkbox"/>	<input type="checkbox"/> Fallout	<input type="checkbox"/>	<input type="checkbox"/> Fish	<input type="checkbox"/> Thyriod
<input type="checkbox"/> Continuous	<input type="checkbox"/>	<input type="checkbox"/> Water (raw)	<input type="checkbox"/>	<input type="checkbox"/> Vegetation	
		<input type="checkbox"/> Water (treated)	<input type="checkbox"/>	<input type="checkbox"/> Soil	
Collection Period		Date	Time	Airflow	Remarks
	Start				
	Stop				
Collection Data	Quantity Collected			Area Exposed	
Analyses Required	This section to be completed by laboratory.				

NEW YORK STATE DEPARTMENT OF HEALTH

<p>Th-232 _____ pCi/_____ ± _____%</p> <p>Th-230 _____ pCi/_____ ± _____%</p> <p>HTO _____ pCi/_____ ± _____%</p> <p>I-125 _____ pCi/_____ ± _____%</p> <p>I-129 _____ pCi/_____ ± _____%</p> <p>I-131 _____ pCi/_____ ± _____%</p> <p>Sr-89 _____ pCi/_____ ± _____%</p> <p>Sr-90 _____ pCi/_____ ± _____%</p> <p>Cs-134 _____ pCi/_____ ± _____%</p> <p>Cs-137 _____ pCi/_____ ± _____%</p> <p>Ru-106 _____ pCi/_____ ± _____%</p> <p>ZrNb-95 _____ pCi/_____ ± _____%</p> <p>K-40 _____ pCi/_____ ± _____%</p> <p>DOH-423 (11/86)</p>	<p>Pu-238 _____ pCi/_____ ± _____%</p> <p>Pu-239 _____ pCi/_____ ± _____%</p> <p>U-234 _____ pCi/_____ ± _____%</p> <p>U-235 _____ pCi/_____ ± _____%</p> <p>U-238 _____ pCi/_____ ± _____%</p> <p>Ra-226 _____ pCi/_____ ± _____%</p> <p>Be-7 _____ pCi/_____ ± _____%</p> <p>_____ pCi/_____ ± _____%</p> <p>_____ pCi/_____ ± _____%</p> <p>_____ pCi/_____ ± _____%</p> <p>_____ pCi/_____ ± _____%</p> <p>_____ pCi/_____ ± _____%</p> <p>Approval _____</p>
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<u>BERP_STAFF</u>	<u>OFFICE_PHONE_NUMBER</u>	<u>HOME_PHONE_NUMBER</u> (All Area Code 518)
Karim Risawi	Except as noted otherwise, all can be reached at Area Code 518 458-6461, 458-6476, 458-6482, 458-6485 or 458-6495	439-0865
William Condon		382-1096
Robert Alibozek		399-8540
James Huang		765-4210
Maryanne Harvey		465-3736
Rita Aldrich		758-1324
Thomas Miller		456-4540
Robert Middleton		875-6661
Stephen Gavitt		482-3110
John O'Connell		272-5172
State Warning Point	457-7150	457-2200

*This is the call up list which will be used by the State Warning Point for a radiological emergency. The State Warning Point calls down the list until someone is reached. That person is responsible for implementing this procedure. For emergencies involving nuclear power plants that person becomes Rad. Health I and is responsible for initiating the sequence of calls required in implementing the State Radiological Emergency Preparedness Plan. This list has also been provided to the Department of Energy's RAP team at Brookhaven National Laboratory and to the U.S. Nuclear Regulatory Commission.

	<u>Office Number</u>	<u>Home Number</u>
<u>Regional Radiological Health Specialists</u>		
<u>Albany Regional Office</u>		
Robert Middleton	(518) 457-7150	(518) 875-6661
<u>Buffalo Regional Office</u>		
William O'Brien	(716) 847-4511	(716) 652-5504
Barbara Ignatz	(716) 847-4513	(716) 735-9951
Ferenc A. Tibold	(716) 847-4512	(716) 652-0194
<u>New Rochelle Regional Office</u>		
Ihor Czerwinskyj	(914) 632-4133	(212) 231-4528
Alvin Reilley	"	(914) 942-1424
Herbert Michael	"	(201) 836-6174
<u>Rochester Regional Office</u>		
Elaine S. Carter	(716) 423-8061	(716) 225-6466
Nelson Jewell	(716) 423-8068	(607) 324-4716
<u>Syracuse Regional Office</u>		
Gary H. Baker	(315) 428-4726	(315) 488-2683
Vidya Goyal	(315) 428-4726	(315) 682-6502
William J. Kelleher	(315) 428-4726	(315) 363-6142

EQMG

Donald Davidoff	(518) 473-0629	(518) 489-2135
James Feck	(518) 474-1347	(518) 765-3642
Jerold Strait	(518) 474-1347	(518) 456-5667

24-Hour Notification	(518) 465-9720	
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Public Information Office

Peter Slocum	(518) 474-7354	(518) 489-6226
William Fagel	(518) 474-7354	(518) 374-4336
Frances Tarlton	(518) 474-5422	(518) 436-7690

Office of Public Health

Linda Randolph, M.D.	(518) 474-0180	(518) 869-6741
William Leavy	(518) 474-6462	(518) 489-0393

Wadsworth Center For Laboratories and Research

Herbert Dickerman	(518) 474-7592	(518) 463-8050
George Eadon	(518) 474-417	(518) 885-6650
Felix H. Heilpern	(518) 474-1151	(518) 489-4233

Lab of Inorganic and Nuclear Chemistry

Liaquat Husain	(518) 473-4854	(518) 439-1849
Joseph Hutchinson	(518) 474-5496	(518) 489-1024

OPH Operations

Lorna McBarnette	(518) 473-0458	(518) 458-8230
Lee VanDeCarr	(518) 474-8565	(518) 828-0536
David Smith	(518) 486-4976	(518) 377-8409
Grant VanHoessen	(518) 473-3394	(518) 945-1498
Robert Reed	(518) 474-8539	(518) 765-2518

OPH Regional Directors

Albany

James Decker	(518) 457-7150	(518) 371-6723
Ian T. Loudon	(518) 457-7150	
F. Rene Nuness	(518) 457-7150	

Buffalo

Louis Violanti	(716) 847-4500	(716) 649-8162
Olivia Smith-Blackwell	(716) 847-4530	(716) 884-7383
Stephen Paluch	(716) 847-4530	

New Rochelle

Alvin Reilley	(914) 632-4133	(914) 429-2056
Albert DeMartino	(914) 632-4133	(914) 835-2023
Ernest Wagner	(914) 632-4133	(212) 655-0616
Frank Hopf	(914) 632-4133	(914) 939-4619
John Adamopoulos	(914) 632-4133	(914) 896-9051
Ernest Wagner	(914) 632-4133	

New York City Office

Alan Noonan	(212) 340-3300	(212) 690-3398
Alfred Buff	(212) 340-3344	(212) 749-8099
		or
		(914) 758-5673
		(Weekends)
Goldie Watkins	(212) 340-3300	
Sam Okoronkwo	(212) 340-3300	

Rochester

Thomas Walker	(716) 423-8069	(716) 924-7755
Joseph DeSantis	(716) 423-8072	(716) 865-2616
Owen Cranston	(716) 423-8071	(716) 586-5081
David Mason	(716) 423-8075	

Syracuse

Shyam Mohanka	(315) 428-4730	(315) 732-8215
James McCarthy	(315) 428-4730	(315) 652-3252
Martin Toly	(315) 428-4730	(315) 652-8261
Bruce Winters	(315) 428-4730	(315) 428-0179

Radiological Emergency Preparedness Group (REPG)

James Papile	(518) 457-8909	(518) 439-0390
Bruce McQueen	(518) 457-8909	(518) 355-8384
Lawrence Czech	(518) 457-8909	(518) 864-5579
James Baranski	(518) 457-8909	(518) 899-9034

Office of Health Systems Management (OHSM)

Stephan Berger	(518) 473-3511	(518) 756-8521
William Carmello	(518) 474-F	(518) 489-4001
Sue Kelly	(518) 473-	(518) 489-8656

Albany

Philip DeFreest	(518) 457-4858	(518) 462-9743
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Buffalo

James Campbell	(716) 847-4302	(716) 688-6058
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Rochester

Sanford Rubin	(716) 262-2010	(716) 385-1115
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Syracuse

Norman Andrzejewski	(315) 428-4681	(315) 451-0068
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New Rochelle

Nathan Lipsen	(914) 632-3701	(914) 698-4147
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New York City

Florence Frucher	(212) 502-0700	(212) 663-1300
Carlos Perez	(212) 502-0700	(718) 774-7363

OPH DivisionsDivision of Environmental Protection

Leo Hetling	(518) 458-6423	(518) 439-2102
Peter Smith	(518) 458-6439	(518) 371-9746
Michael Burke	(518) 458-6731	(518) 458-7450
James Covey	(518) 458-6731	(518) 372-3828
Daniel Serell	(518) 458-6731	(518) 372-7917

Center for Environmental Health

William Stasiuk	(518) 458-6400	(518) 439-0635
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State Emergency Management Office

Donald A. DeVito	(518) 457-2222	(518) 843-2200
Anthony Germano	(518) 457-9994	(518) 283-0383
Les Radford	(518) 457-9987	(518) 477-5629
Bruce Houston	(518) 457-9933	(518) 456-1819
Robert Simpson	(518) 457-9926	(518) 872-1406
John DiNuzzo	(518) 457-9987	(518) 271-8850
State Warning Point	(518) 457-2200	

24-Hr. Notification	(518) 457-2200	
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Nuclear Facilities Specialist

Jay Dunkleberger	(518) 438-6130	(518) 371-7071
James Baranski	(518) 457-8909	(518) 899-9034
Dan Anderson	(518) 465-6251	(518) 377-7989
Jack Spath	(518) 465-6251	(518) 477-6305
Fred Haag	(518) 474-5541	(518) 399-8678
Harvey Prinz	(518) 474-5541	(518) 286-2218

Department of Labor

Dr. Francis J. Bradley	(718) 797-7641	(718) 428-6365
George L. Kasyk	(718) 797-7634	(718) 238-6012
Louis S. Cabasino	(718) 797-7635	(516) 486-3633
Robert Kelly	(716) 847-7140	(716) 876-5103
Andrew E. Awai	(718) 797-7639	(212) 231-7375
Rose Marie Pratt	(718) 797-7637	(212) 988-6282
Anthony Chibbaro	(718) 797-7638	(212) 677-4922
Brajesh K. Kothari	(718) 797-7900	(516) 289-8655

24-Hr. Notification	(212) 340-4495 (NYC Poison Control)
	(518) 457-2200 (NYS Warning Point)

U.S. Nuclear Regulatory Commission

John R. McGrath	(215) 337-5216
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24-Hr. Notification	(301) 951-0550
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U.S. Department of Energy RAP Team

24-Hr. Notification	(516) 282-2200 (Brookhaven National Labs)
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U.S. Department of Transportation
(Federal Highway Administration)

Paul O'Neill

(518) 472-6483

(518) 371-7994

Federal Emergency Management Agency

Jerald J. Connolly

(212) 238-8211

Ihor W. Husar

(212) 238-8203

24-Hr. Notification

(212) 264-8980

Dutchess County Health Department

Steve Capowski

(914) 431-2416

(914) 691-7868

Howard Gonja

(914) 431-2410

(914) 758-0123

David Ruff

(914) 431-2047

(914) 266-5729

Dr. John Scott

(914) 431-2047

(914) 485-5346

24-Hr. Notification

(914)

Nassau County Health Department

Robert Theesfeld

(516) 535-3313

(516) 796-1272

Robert Altman

(516) 535-3313

(516) 599-6275

Kurt Mosher

(516) 535-3313

(516) 746-2454

24-Hr. Notification

(516) 795-0880

New York City Department of Health

Robert Kulikowski

(718) 643-7874

(212) 769-1721

Richard Vorri

(718) 643-8137

(212) 677-5615

Leonard R. Solon

(718) 643-7967

(212) 340-4495

Vincent Parisi

(718) 643-7993

(718) 426-9853

Thomas C. Kaiser

(718) 643-8029

(718) 945-0075

Joseph Aufrichtig

(718) 643-7875

(718) 998-5565

24-Hr. Notification

(212) 340-4495 (NYC Poison Control)

Niagara County Health Department

Patricia Powell

(716) 439-6129

James Devald

(716) 284-3124

(716) 695-1432

John Archbold

(716) 284-3124

(716) 282-2186

24-Hr. Notification

(716) 439-6141

Oneida County Health Department

Terrell V. Norris

(315) 469-6955

(315) 451-4766

Ross R. Devendorf

(315) 469-6974

(315) 656-8650

Robert L. Burdick

(315) 469-6955

(315) 446-7671

24-Hr. Notification

(315) 656-8650

Rockland County Health Department

George P. Brozowski	(914) 354-0200	
Carl Dornbush	Ext. 2526	(914) 352-5258
Thomas Micelli	2598	(914) 359-6476
George E. O'Keefe	2605	(914) 942-2840
	" 2609	(914) 634-6914

24-Hr. Notification (914) 354-0200 Ask for Health Dept. person on call.

Suffolk County Health Department

Robert J. Shepperd	(516) 348-2780	(516) 472-0099
Richard A. Sandstrom	(516) 348-2756	(516) 283-4360
Eleanor Schoenblum Ext. 51	(516) 360-3000	(516) 673-3974
Gloria Klein "	"	(516) 979-7147
Gary Tarulli "	"	(516) 467-2047

24-Hr. Notification (516) 360-5555

Ulster County Health Department

Wesley Hyatt	(914) 338-8443	(914) 336-5898
Gary Myers	(914) 338-8443	(914) 246-2563
Dean Palen	(914) 338-8443	(914) 687-7929
Arthur Markle	(914) 338-8443	(914) 687-0307

24-Hr. Notification (914) 338-1860

Westchester County Health Department

Neil DiBenedetto	(914) 285-5029
Richard Lidsky	(914) 285-5031
Tim Anderson	(914) 285-5032
Robert Waup	(914) 285-5010

24-Hr. Notification (914) 769-3100*

* County Police are equipped with home telephone numbers and pager numbers.

* These are call up list, which should be followed from top down until someone is reached.