



PSE&G Public Service
Electric and Gas
Company

80 Park Plaza, Newark, NJ 07101 / 201 430-8217 MAILING ADDRESS / P.O. Box 570, Newark, NJ 07101

Robert L. Mittl General Manager
Nuclear Assurance and Regulation

October 25, 1985

Director of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20814

Attention: Mr. Walter Butler, Chief
Licensing Branch 2
Division of Licensing

Gentlemen:

REQUEST FOR INFORMATION - INTERIM GUIDANCE ON
EMERGENCY PLANNING STANDARD 10CFR50.47(b)(12)
HOPE CREEK GENERATING STATION
DOCKET NO. 50-354

Pursuant to the NRC request for information (letter from W. Butler, NRC to R.L. Mittl, PSE&G, dated September 26, 1985) regarding the recent NRC Statement of Policy on Emergency Planning Standard 10CFR50.47(b)(12), and Interim Guidance with respect to the recent court decision GUARD vs NRC, Public Service Electric and Gas Company hereby submits information to confirm our commitments.

The attached index provides an itemized listing of pertinent information found in the Radiological Emergency Response Plans for New Jersey and Delaware. This information includes agreements and lists of medical facilities specified for treatment of off-site contaminated and overexposed members of the public. Copies of the pertinent information from the respective plans are also provided as attachments.

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PDR ADOCK 05000354
F PDR

Handwritten signature/initials: A045

10/25/85

Letters of agreement to the State of Delaware from medical facilities, which specifically reference the Salem Nuclear Generating Station (SNGS), have been acknowledged as applicable to Hope Creek Generating Station (HCGS) in the Delaware Radiological Emergency Response Plan, dated August 30, 1984.

In addition to the above information, PSE&G will address full compliance with the Commission's response to the GUARD remand upon issuance of such response.

If you have any questions on the subject filing, do not hesitate to contact us.

Very truly yours,

A handwritten signature in dark ink, appearing to read "R. J. Intall". The signature is fluid and cursive, with the first name "R" being large and prominent, followed by "J." and "Intall".

Attachments

C D.H. Wagner
USNRC Licensing Project Manager

A.R. Blough
USNRC Senior Resident Inspector

Radiological Emergency Response Plan - New Jersey

Attachment	Description
1	<p><u>Letter of Agreement - New Jersey State Police Office of Emergency Management and Salem County Memorial Hospital.</u></p> <p>Hospital states its capability to provide services to members of the general public who may be radioactively contaminated or exposed and agrees to provide these services if called upon during an emergency.</p>
2	<p><u>New Jersey State Plan - Attachment 9 "Hospitals for Radiation Accident Patients."</u></p> <p>Listing of hospitals in the State with the capability to treat radiation accident victims.</p>
3	<p><u>New Jersey State Plan - Artificial Island Annex Attachment 9 "Hospitals to Initiate Treatment of Radiation Injuries."</u></p> <p>Listing of hospitals in the State with capability to initiate treatment of radiation injuries. List also denotes primary hospital resources for Hope Creek area.</p>

Radiological Emergency Response Plan - Delaware

4	<p><u>Delaware State Plan - Map No.2</u></p> <p>Map showing locations of hospitals in Delaware which can provide treatment to radiologically contaminated or exposed persons.</p>
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Radiological Emergency Response Plan - Delaware

Attachment	Description
5	<p><u>Letter of Agreement - Division of Emergency Planning and Operations and Salem County Memorial Hospital.</u></p> <p>Hospital agrees to provide backup medical service to Delaware for persons who are radiologically contaminated or exposed.</p>
6	<p><u>Letter of Agreement - Division of Emergency Planning and Operations and Wilmington Medical Center</u></p> <p>Medical Center agrees to provide medical treatment to general population who may become radiologically contaminated or exposed.</p>
7	<p><u>Delaware State Plan - Attachment 13</u></p> <p>Listings of Instrumentation, medical personnel, medical facilities with radiological emergency plans, and supporting services necessary for a medical response to a radiological emergency.</p>



Salem

COUNTY MEMORIAL HOSPITAL

A PRIVATE NON-PROFIT HOSPITAL SERVING THE COMMUNITY

SALEM, NEW JERSEY 08078

ATTACHMENT 1

RECEIVED

9 01 AM '85

EMERGENCY
MANAGEMENT
SECTION 1000

Mr. Christiansen
9DC

March 27, 1985

Major Harold E. Spedding
New Jersey State Police
Office of Emergency Management
P.O. Box 7068
West Trenton, NJ 08525

Dear Major Spedding:

Salem County Memorial Hospital will provide necessary services to the general public from the area surrounding Artificial Island Nuclear Generating Station. This service is available to those individuals who may be radioactively contaminated, as well as to those who present no specific hazard. Space is provided for up to twenty-five (25) cases which may involve radiological hazard victims.

Our staff is trained in handling and treatment of patients who may have been exposed to excessive radiation or bear radioactive surface contamination. Other treatment includes methods of obtaining samples that may be used to evaluate total radioactive exposure and respiratory uptake. Written procedures detailing the actions necessary for the implementation of these procedures will be used. Practical training and practical exercises will be continued to insure this capability is maintained.

Sincerely,

John Michael Calvin, Jr.
Jos. Michael Calvin, Jr., FACHA
President

JMG:ac

cc: John Christiansen

Hospitals for Radiation Accident PatientsNAME AND ADDRESSCamden County

John F. Kennedy Memorial Hospital
Cherry Hill Division
Chapel Ave. & Coopers Landing Rd.
Cherry Hill 08034
609:665-2000

Cape May County

Burdette Tomlin Memorial Hospital
Stone Harbour Blvd. & Rte. 9
Cape May Court House 08210
609:465-2000

Cumberland County

Millville Hospital
North High Street
Millville 08332
609:825-3500

Essex County

Clara Maass Medical Center
1-A Franklin Avenue
Belleville 07109
201:450-2000

Hospital Center at Orange
Orange Memorial Unit
118 S. Essex Avenue
Orange 07051
201:266-2000

Montclair Community Hospital
120 Harrison Avenue
Montclair 07042
201:744-7300

Mountainside Hospital
Bay & Highland Avenues
Montclair 07042
201-:429-6000

NAME AND ADDRESS

CONTACT:

St. Barnabas Medical Center
94 Old Short Hills Road
Livingston 07039
201:533-5000

St. Michaels Medical Center
306 High Street
Newark 07102
201:877-5000

Gloucester County

John F. Kennedy Memorial Hospital
Washington Township Division
Washington Township Medical Center
Hurffville-Cross Keys Road
Turnersville 08012
609:589-3300

Underwood Memorial Hospital
N. Broad St. & Red Bank Avenue
Woodbury 08096
609:845-0100

Hudson County

Greenville Hospital
1825 Kennedy Blvd
Jersey City 07305
201:547-6100

Mercer County

Medical Center at Princeton
253 Witherspoon Street
Princeton 08540
609:921-7700

Mercer Medical Center
446 Bellevue Avenue
Trenton 08618

Middlesex County

J.F. Kennedy Medical Center
Anthony M. Yelenesies Comm. Hosp.
James Street
Edison 08817
201:321-7000

St. Peter's Medical Center
260 Easton Avenue
New Brunswick 08903
201:745-8600

Monmouth County

Freehold Area Hospital
Route 537
Freehold 07728
201:431-2000

Monmouth Medical Center
300 Second Avenue
Long Branch 07740
201-222-5200

Morris County

Morristown Memorial Hospital
100 Madison Avenue
Moristown 07960
201:540-5775

St. Clare's Hospital
Pocono Road
Denville 07834
201:625-6000

Ocean County

Paul Kimball Medical Center
600 River Avenue
Lakewood 08701
201:363-1900

Burlington Co. Memorial Hosp. &
Southern Ocean County Hospital
1140 Bay Avenue
Manahawkn 08050

Passaic County

Wayne General Hospital
224 Hamburg Turnpike
Wayne 07470
201:942-6900

Salem County

Salem County Memorial Hospital
Salem-Woodstown Road
Salem 08079
609:935-1000

NAME AND ADDRESS

CONTACT:

Somerset County

Somerset Medical Center
Rehill Avenue
Somerville 08876
201:725-4000

Sussex County

Newton Memorial Hospital
175 High Street
Newton 07860
201:383-2121

Union County

Alexian Brothers Hospital
655 East Jersey Street
Elizabeth 07206
201:351-9000

Muhlenberg Hospital
Park Ave. & Randolph Rd.
Plainfield 07061
201:668-2000

Overlook Hospital
193 Morris Avenue
Summit 07901
201:522-2000

St. Elizabeth Hospital
225 Williamson Street
Elizabeth 07207
201:527-5122

Warren County

Hackettstown Community Hospital
651 Willow Grove Street
Hackettstown 07840
201:852-5100

Warren Hospital
185 Roseberry Street
Phillipburg 08876
201:859-6700
Admin. 201:859-6702

ATTACHMENT 9

HOSPITALS TO INITIATE TREATMENT
OF RADIATION INJURIES

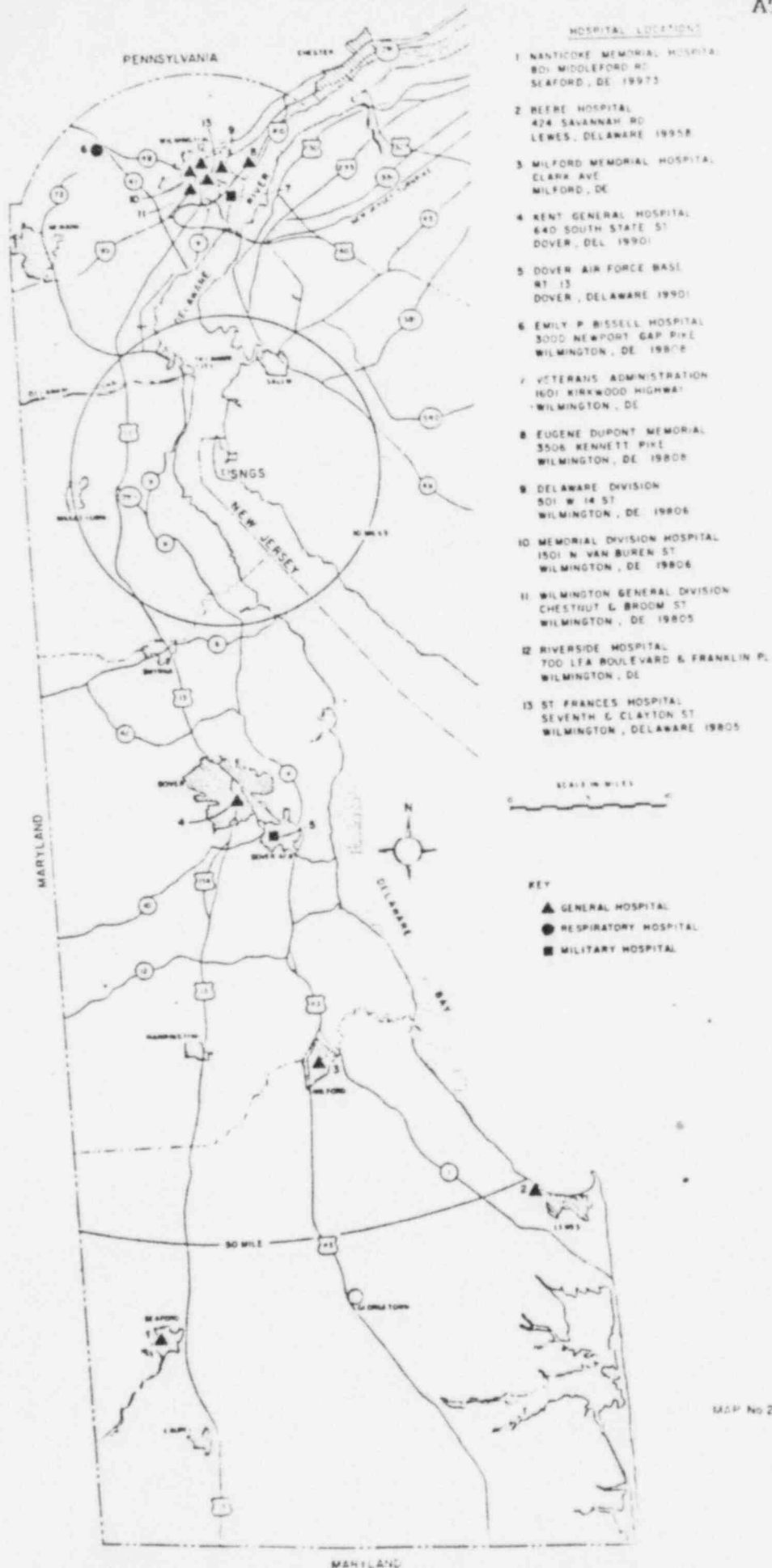
- | | |
|---|---|
| 1 Bergen Pines County Hospital
East Ridgewood Avenue
Paramus, NJ 07652 | 12 Morristown Memorial Hospital
100 Madison Avenue
Morristown, NJ 07930 |
| 2 Holy Name Hospital
718 Teaneck Road
Teaneck, NJ 07666 | 13 Riverside Hospital
P.O. Box 59
Boonton, NJ 07005 |
| 3 Irvington General Hospital
832 Chancellor Avenue
Irvington, NJ 07111 | 14 Beth Israel Hospital
70 Parker Avenue
Passaic, NJ 07055 |
| 4 Clara Maass Memorial Hospital
Franklin Avenue
Belleville, NJ 07109 | 15 Greater Patterson General Hospital
224 Hainburg Turnpike
Wayne, NJ 07470 |
| 5 Newark Beth Israel Medical Center
201 Lyons Avenue
Newark, NJ 07112 | 16 St. Mary's Hospital
211 Pennington Avenue
Passaic, NJ |
| 6 St. Barnabas Medical Center
Old Short Hills Road
Livingston, NJ 07039 | 17 Alaxander Linn Hospital
201 Walnut Street
Sussex, NJ 07461 |
| 7 Greenville Hospital
1825 Kennedy Boulevard
Jersey City, NJ 07305 | 18 Newton Memorial Hospital
175 High Street
Newton, NJ 07860 |
| 8 Jersey City Medical Center
50 Baldwin Avenue
Jersey City, NJ 07304 | 19 Hunterdon Medical Center
Route 31
Flemington, NJ 08822 |
| 9 North Hudson Hospital
4300 Park Avenue
Weehawkin, NJ 07087 | 20 Medical Center at Princeton
253 Witherspoon Street
Princeton, NJ 08540 |
| 10 St. Mary's Hospital
308 Willow Avenue
Hoboken, NJ 07030 | 21 St. Francis Medical Center
601 Hamilton Avenue
Trenton, NJ 08629 |
| 11 Community Medical
95 Mt. Kemble Avenue
Morristown, NJ 07930 | 22 Middlesex General Hospital
180 Somerset Avenue
New Brunswick, NJ 08901 |

ATTACHMENT 9 (CONT.)

- | | |
|--|---|
| 23 Perth Amboy General Hospital
530 New Burnswide Avenue
Perth Amboy, NJ 08861 | 32 Overlook Hospital
193 Morris Avenue
Summit, NJ 07901 |
| 24 St. Peters General Hospital
254 Easton Avenue
New Brunswick, NJ 08903 | 33 Rahway Hospital
865 Stone Street
Rahway, NJ 07065 |
| *25 Freehold Area Hospital
Route 537
Freehold, NJ 07728 | 34 St. Elizabeth Hospital
225 Williamson Street
Elizabeth, NJ 07207 |
| *26 Monmouth Medical Center
Third and Pavilion Avenues
Long Branch, NJ 07740 | 35 Atlantic City Medical Center
1925 Pacific Avenue
Atlantic City, NJ 08401 |
| *27 Riverview Hospital
35 Union Street
Red Bank, NJ 07701 | 36 Shore Memorial Hospital
Sunny & New Avenues
Somers Point, NJ 08244 |
| *28 Community Memorial Hospital
Highway 37E
Toms River, NJ 08753 | 37 Burlington County Memorial Hospital
175 Madison Avenue
Mt. Holly, NJ 08060 |
| 29 Raritan Valley Hospital
Greenbrook Road
Greenbrook, NJ 08812 | **38 J.F.K. Memorial Hospital
18 East Laurel Road
Stratford, NJ 08084 |
| 30 Memorial General Hospital
100 Galloping Hill Road
Union, NJ 07083 | **39 J.F.K. Memorial Hospital
Washington Twp. Div.
Turnersville, NJ 08012 |
| 31 Muhlenberg Hospital
Park Ave. and Randolph Road
Plainfield, NJ 07061 | **40 Salem County Memorial Hospital
Salem-Woodstown Road
Salem, NJ 08079 |

* Located closest to Oyster Creek Nuclear Generating Station

** Primary Hospital for treatment of contaminated





Salem COUNTY MEMORIAL HOSPITAL
A NON-PROFIT HOSPITAL SERVING THE COMMUNITY

SALEM, NEW JERSEY 08079 609-835-1000

JOSEPH GALVIN, JR.
PRESIDENT

March 31, 1981

Mr. Clarke V. Jester
Director
Division of Emergency Planning
and Operations
Delaware City, DE 19706

Subject: Emergency Medical Assistance Program

Dear Mr. Jester:

This letter is to confirm that I agree to the following:

"In the event of a radiological incident involving the Salem Nuclear Generating Station (SNGS) and subsequent radiation exposure to the population of the State of Delaware, the Salem County Memorial Hospital, Salem, New Jersey will provide backup medical assistance to contaminated individuals, including assurance that persons providing services are adequately prepared once proper transport has occurred. Radiological equipment and trained personnel will be on hand to meet the needs for such an emergency response."

"It is understood that the Division of Emergency Planning and Operations notify us to ensure that a Radiation Emergency Medical Team can be dispatched and assist in the duties described above."

Sincerely,

Jos. Michael Galvin, Jr., FACHA
President

JMG:bth

ADDRESS REPLY TO:

Executive Offices
P. O. Box 1668
Wilmington DE 19899



WILMINGTON MEDICAL CENTER
WILMINGTON, DELAWARE 19899

ATTACHMENT 6

DELAWARE DIVISION
MEMORIAL DIVISION
WILMINGTON GENERAL DIVISION
EUGENE DU PONT MEMORIAL HOSPITAL

November 24, 1980

Mr. William R. Brown
Division of Emergency Planning
and Operations
Delaware City DE 19706

RE: Emergency Medical
Assistance Program

Dear Mr. Brown,

This is to confirm that I agree to the following:

In the event of a radiological incident involving the Salem Nuclear Generating Station (SNGS) and subsequent radiation exposure to the population of the State of Delaware, the Wilmington Medical Center, Wilmington, Delaware will provide medical assistance to contaminated individuals, including assurance that persons providing services are adequately prepared once proper transport has occurred. Radiological equipment and trained personnel will be on hand to meet the needs for such an emergency response.

It is understood that the Division of Emergency Planning and Operations will notify us to ensure that a Radiation Emergency Medical Team can be dispatched and assist in the duties described above.

Very truly yours,

James G. Harding
President
Wilmington Medical Center

JGH/paf

ATTACHMENT 13

HOSPITAL RADIOLOGICAL SERVICES and PERSONNEL AVAILABILITY
Capable of Responding to a
RADIOLOGICAL EMERGENCY
in the
10-Mile EPZ of the Salem Nuclear Generating Station

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FIGURE 1
INSTRUMENTATION

Hospital	Instrument/Model	Application/Range	Location	Date of last calibration
Beebe Hospital	Dosimeter Corp of America 3007	Survey Meter 0-300 cpm 0-3000 cpm 0-30,000 cpm	Radiological Dept	6/9/81
	Lionel Electronics Labs. OCDM CDV-700/68	Survey Meter 0-0.5 mr/hr 0-5.0 mr/hr 0-50 mr/hr	Radiological Dept	6/9/81
	Victoreen Instrument Cutie Pie 710 F	Survey Meter 0-25 mr/hr 0-250 mr/hr 0-2,500 mr/hr 0-25,000 mr/hr	Radiological Dept	6/9/81
	Victoreen 495-5	Survey meter 0-500 cpm 0-5,000 cpm 0-50,000 cpm 0-500,000 cpm	Hot Lab	6/22/81
Milford Memorial Hospital	Victoreen CDV-700	Survey Meter 0-0.5 mr/hr 0-5.0 mr/hr 0-50 mr/hr	Hot Lab	6/15/81
Veterans Admin.	Victoreen 497	Survey Meter 1-1000 mr/hr 1-1000 r/hr	Nuclear Medicine	3/26/82
	Victoreen 490	Survey Meter 0-800 cpm 0-8,000 cpm 0-80,000 cpm	Nuclear Medicine	6/10/82
	Victoreen 490	Survey Meter 0-800 cpm 0-8,000 cpm 0-80,000 cpm	Nuclear Medicine	2/19/82
	Victoreen 498	Survey Meter 0-1 mr/hr 0-10 mr/hr 0-100 mr/hr 0-1 R/hr	Nuclear Medicine	8/82

FIGURE 1 Cont'd
INSTRUMENTATION

Hospital	Instrument/Model	Application/Range	Location	Date of last calibration
Kent General Hospital	Baird Atomic-443	Area Monitor 0-300 cpm 0-1000 cpm 0-3,000 cpm 0-10,000 cpm 0-30,000 cpm 0-100,000 cpm	Nuclear Medicine	6/3/82
	None	—	—	—
	Victoreen 492	High Range	Nuclear Medicine	6/23/82
	Victoreen 493	Low Range	Nuclear Medicine	4/15/82
	Victoreen - GM 491	0.1 - 100 mr/hr	Hot Lab/Nuclear Med. Dept	6/30/81
St. Frances Hospital	Eberline Model-PIC-3	1-1000 mr/hr	Hot Lab/Nuclear Med. Dept	7/30/81
	Victoreen 740	0-25 mr/hr 0-250 mr/hr 0-2,50 R/hr 0-25,0 R/hr	Nuclear Medicine	6/1/82
	Victoreen G-M Survey Meter	Low energy level	Nuclear Medicine	6/8/82
Naticke Memorial Hospital	Victoreen G-M Frisker	Constant Monitor	Nuclear Medicine	N/A

FIGURE 2
TRAINED PERSONNEL

Hospital	Training in Radiation Dosimetry Name/Person	Area of Education/ Training	Telephone Number	Hours Available
Beebe Hospital	Dr. Norman H. Boyer Chief of Radiology	Nuclear Medicine	302-645-3275	8am - 4pm
	Mary Jo Pichule Radiological Technician	—	302-645-3275	8am - 4pm
	Joan A. Jones Radiological Technician	—	302-645-3275	8am - 4pm
	E. James Monihan Assistant Administrator	—	302-645-3275	8am - 4pm
	Sidney Downs Jr. Chief Engineer	—	302-645-3275	8am - 4pm
	S.F. Delgado, M.D. Radiologist	Radiology	302-422-7738	24 hrs/day
Wilford Memorial Hospital	Josephine M. Piccone Ph.D. Radiation Physicist/RSO	Radiological Health/ Medical Physics	302-994-2511 Ext. 316	8am - 4:30pm
Veterans Admin. Hospital	Robert Cavallaro, M.D. Surgeon	General Surgery, FEMA Radiological Monitor, Aerial Monitor, RDO	302-994-2511	24 hrs/day
	Theresa Golazeski, M.S. CNMT Nuclear Medicine Technologist	Nuclear Medicine	302-994-2511 Ext. 316	8 am - 4:30 pm
	Connie Moody, CNMT Nuclear Medicine Technologist	Nuclear Medicine	302-994-2511 Ext. 316	8 am - 4:30 pm
	Karen Shelly, CNMT Nuclear Medicine Technologist	Nuclear Medicine	302-994-2511 Ext. 316	8 am - 4:30 pm
	None	—	—	—
Fort General Hospital	None	—	—	—
Riverside Hospital	None	—	—	—

FIGURE 2 Cont'd
TRAINED PERSONNEL

Hospital	Training in Radiation Dosimetry Name/Person	Area of Education/ Training	Telephone Number	Hours Available
Naticoke Memorial Hospital	Dr. Martin J. Cosgrove Chief Radiologist/ Radiation	Radiological and Nuclear Medicine	302-629-6611 Ext 380 or 383	24hrs/day
	S.W. Lippincott, M.D. Director, Dept of Radiology	Radiology	302-421-4100	8 am - 4:30 pm
St. Frances	Robert Steineman, CNMT Chief, Nuclear Medicine	Nuclear Medicine Technology	302-421-4100	8 am - 4:30 pm

FIGURE 3
RADIOLOGICAL EMERGENCY PLAN

Hospital	Hospital has emergency plan (Yes/No)	Number of patients that can be managed under plan	Location of special area for receiving assessment & treatment	Most recent date plans were tested
Beebe Hospital	Yes	Determined by Need	Emergency driveway	unknown
Hilford Memorial Hospital	Yes	undetermined	Decontamination area located in hospital morgue	Not tested
Veterans Admin. Hospital	Yes (as back-up to Wilmington Medical Center)	undetermined	5 rooms in the outpatient dept., adjacent to the ambulance entrance and vestibule	Not tested
Kent General Hospital	No	—	—	—
Riverside Hospital	No	—	—	—
Naticoke Memorial Hospital	Yes	Determined by Need	adjacent to Emergency Room	Not tested
St. Frances Hospital	No	—	—	—

FIGURE 4
SUPPORTING SERVICES

Hospital	Hospital has agreements with ambulance services and other hospitals for transport and transferal (Yes/No)		Name of Ambulance Rescue Squad/ conditions of agreement	Name of hospital providing support	Conditions of transfer agreements
	Yes	No			
Beebe Hospital					
Milford memorial Hospital	No				
Veterans Admin Hospital	No				
Kent General Hospital	No				
Riverside Hospital	No				
Naticoke Memorial Hospital	No				
St. Frances Hospital	No				