THE AMERICAN RED CROSS

DELAWARE CHAPTER

EMERGENCY RESPONSE PLAN

PEACETIME RADIOLOGICAL EMERGENCIES / NUCLEAR ACCIDENTS

I. PURPOSE

To define the role and responsibilities of the American Red Cross when peacetime radiological emergencies / nuclear accidents occur within the State of Delaware.

II. SCOPE

The American Red Cross will provide assistance in accordance with the Statement of Understanding between the State of Delaware and the American National Red Cross.

The American Red Cross regulations require that its administrative and fiscal controls be inseparable, and it will not assume costs for commitments made by other agencies or organizations.

A. Preparedness Measures - The American Red Cross will:

1. Maintain liaison with the Division of Emergency Planning and Operations, Department of Public Safety for coordination of peacetime radiological emergency/nuclear response planning and operations, and participate in planning, preparedness and operations meetings and exercises.

2. Receive from the agency listings of designated mass care shelters and feeding centers, evacuation routes, reception centers, first aid stations, and requirements for and designations of transportation and communications equipment and facilities.

3. Recruit and train shelter managers, disaster feeding personnel, nurses, liasion personnel and supervisors to serve in Red Cross operated mass care shelters and feeding centers.

4. Assist in developing agreements involving the Division of Emergency Planning and Operations, Department of Public Safety, and the owners or officials of the buildings to be used as shelter facilities for mass care operations.

B. Emergency Response - The American Red Cross will:

1. Conduct mass care shelter and feeding operations in centers and facilities designated in advance by the Division of Emergency Planning and Operations, Department of Public Safety. See American Red Cross Shelter Appendix in the Delaware Emergency Operations Plan (DEOP), Annex K, Appendix 1.

2. Assign liaison representatives to the Emergency Operations Centers and reception centers.

3. Maintain contact and coordination with the Division of Emergency Planning and Operations - Department of Public Safety, the Department of Health and Social Services and the Division of Public Health, and the Department of Services for Children, Youth and Their Families.

AUTHORITIES AND REFERENCES

U.S. Public Law 4, 58th Congress, January 5, 1905
U.S. Public Law 93-288, Disaster Relief Act of 1974

Statement of Understanding between the Federal Emergency Management Agency and the American Red Cross, August 1983.

LETTER OF AGREEMENT

BETWEEN

KENT COUNTY

AND

PSEG

Our agency has reviewed the Memorandum of Understanding contained in the Agreements Section of the State of Delaware Radiological Emergency Plan.

We concur that the MOU is still effective and that our agency shall adhere to the principles set forth in the MOU.

J. Allen Metheny, Sr. 1/20/05
J. Allen Metheny, Sr. Date
Director
Kent County Emergency Management

James E. Turner, III 1/23/05
James E. Turner, III Date
Director
DE Emergency Management Agency

MEMORANDUM OF UNDERSTANDING
BETWEEN
KENT COUNTY DEPARTMENT OF PUBLIC SAFETY, KENT COUNTY EMERGENCY OPERATIONS CENTER AND
PSEG NUCLEAR, LLC
FOR
RADIOLOGICAL EMERGENCY PREPAREDNESS

I. PURPOSE

This Memorandum of Understanding (MOU) constitutes a mutually agreed upon understanding between the Kent County Emergency Operations Center, Department of Public Safety, (hereinafter referred to as Kent County) and PSEG Nuclear, LLC (hereinafter referred to as PSEG Nuclear) setting forth the agreements, commitments, obligations, and conditions to provide notification in the event of an accident at the Hope Creek or Salem Generating Stations threatening public life or property.

II. MEMORANDUM OF UNDERSTANDING

To provide for prompt notification of the public, Kent County understands that the Operations Superintendent, or the Emergency Duty Officer, or the Emergency Response Manager at Salem or Hope Creek Generating Stations will contact DEMA directly should a general emergency be declared at Salem or Hope Creek Generating Stations. Delaware Emergency Management Agency (DEMA)or Delaware State Police (DSP) Communications will provide prompt notification to Kent County. Kent County will be contacted directly by PSEG Nuclear if DEMA or DSP Communications cannot be contacted. This is in compliance with the requirements of the Nuclear Regulatory Commission in the NUREG 0654/Federal Emergency Management Agency REP-1, REV 1 (November, 1980).

The Kent County Emergency Dispatch Center shall be notified by DEMA or DSP Communications and shall be responsible to initiate prompt notification of the public in Kent County. The Assistant Director of the Kent County Division of Emergency Management shall have the authority and responsibility to initiate prompt notification of the public. In the event the Assistant Director is not available, the Kent County Director of Public Safety will serve as the alternate and have the authority and responsibility for public notification.

Memorandum of Understanding
Kent County & PSEG

Communication lines have been established between the Kent County Dispatch Center and the generating stations, include hot lines and commercial telephone lines.

Kent County shall participate in Delaware's implementation of the Emergency Plan for Salem and Hope Creek Generating Stations and shall agree to:

1. Operate the Kent County Emergency Operations Center;

2. Coordinate the overall emergency response of all Kent County and local departments and organizations;

3. Designate a Kent County Emergency Operations Center Director to serve as the point-of-contact for Kent County with State and Federal Agencies;

4. Implement prompt notification of the public based on information supplied by PSEG Nuclear or when so directed by the State Emergency Operations Center;

5. Coordinate emergency response training of Kent County Personnel, which will be provided by the State Emergency Operations Center (EOC).

6. Verify the notification of any emergency notification from PSEG Nuclear (Unusual Event, Alert, Site Area Emergency or General Emergency). Kent County will only be notified directly from PSEG Nuclear, if Delaware State Police Communications or DEMA could not be notified.

7. Initiate the notification of county and local officials;

8. Notify assisting agencies and departments of Protective Actions required for the public in affected areas;

9. Provide notification to the Kent County Emergency Medical Services units to assist and cooperate with the PSEG Nuclear Emergency Medical Response Units.

10. Cooperate with PSEG Nuclear, State, and Federal Agencies to provide for the safety and well-being of its citizens.

11. This MOU supersedes and voids any and all previous Memoranda of Understanding between the Kent County Department of Public Safety, Kent County Emergency Operations Center and PSEG Nuclear for the purpose of providing protection to the public in the event of an accident threatening public life or property.

Memorandum of Understanding
Kent County & PSEG

12. Either party to this MOU may terminate upon sixty-(60) days advance written notice to the other party.

13. This MOU shall be effective immediately upon the signing of all the parties hereunto.

IN WITNESS WHEREOF, the parties hereunto execute this Memorandum of Understanding this _____ day of _____, 2002:

Colin Faulkner
Director –
Kent County Department of Public Safety

March 13, 2003
DATE

J. Allen Methany, Sr.
Assistant Director -
Kent County Division of Emergency Management

March 11, 2003
DATE

Harold W. Keiser
President and Chief Nuclear Officer
PSEG Nuclear, LLC

3/26/03
DATE

LETTER OF AGREEMENT

BETWEEN

SALEM COUNTY MEMORIAL HOSPITAL

AND

STATE OF DELAWARE
DELAWARE EMERGENCY MANAGEMENT AGENCY

Our agency has reviewed the Memorandum of Understanding contained in the Agreements Section of the State of Delaware Radiological Emergency Plan.

We concur that the MOU is still effective and that our agency shall adhere to the principles set forth in the MOU.

1/27/05

Robert Allen Date
Chief Executive Officer
Salem County Memorial Hospital

1/13/05

James E. Turner, III Date
Director
DE Emergency Management Agency

LETTER OF AGREEMENT

BETWEEN

SALEM COUNTY MEMORIAL HOSPITAL

AND

STATE OF DELAWARE
DIVISION OF EMERGENCY PLANNING AND OPERATIONS

SALEM COUNTY MEMORIAL HOSPITAL, Salem, New Jersey agrees to the following:

In the event of a radiological incident involving the Artificial Island Nuclear Generating Stations 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.

The State of Delaware, Division of Emergency Planning and Operations will notify the Salem County Memorial Hospital to ensure that a Radiation Emergency Medical Team can be dispatched and assist in the duties described above.

Jos. Michael Galvin, Jr. FACHA
President
Salem County Memorial Hospital

3/13/90
Date

James W. Hoffman
Director
Division of Emergency Planning
and Operations

3/7/90
Date

LETTER OF AGREEMENT

BETWEEN

CHRISTIANA CARE HEALTH SERVICES

AND

STATE OF DELAWARE
DELAWARE EMERGENCY MANAGEMENT AGENCY

Our agency has reviewed the Memorandum of Understanding contained in the Agreements Section of the State of Delaware Radiological Emergency Plan.

We concur that the MOU is still effective and that our agency shall adhere to the principles set forth in the MOU.

2/7/05
Gary Ferguson Date
Chief Operating Officer
Christiana Care Health Services

1/13/05
James E. Turner, III Date
Director
DE Emergency Management Agency

LETTER OF AGREEMENT
BETWEEN
CHRISTIANA CARE HEALTH SERVICES
AND
STATE OF DELAWARE
DELAWARE EMERGENCY MANAGEMENT AGENCY

Christiana Care Health Services (CCHS) agrees to support activation of the Delaware Radiological Emergency Plan (REP) with the following in the event of a radiological emergency at Salem/Hope Creek Generating Stations operated by Public Service Enterprise Group (PSEG) Nuclear in Lower Alloway's Creek Township, New Jersey:

1. Respond as indicated in the REP upon proper notification by the State of Delaware, Department of Public Safety, Delaware Emergency Management Agency.

2. Provide services for not more than ten (10) radiological exposed or contaminated, injured persons at any one time, at the Christiana and Wilmington Hospitals. Basic triage methods will be used to prioritize patients for decontamination and treatment.

3. Have the service of a Board Certified Emergency physician(s) and emergency room nurse(s) available at the Christiana Hospital/Wilmington Hospital, within two hours of notification of an incident.

4. Provide an opportunity for training of Emergency Department staff in radiological treatment protocols at least annually.

5. Participate in a radiological emergency medical drill at least annually.

6. Provide 24-hour staffing capability.

7. Maintain and update the CCHS sections of the REP.

The State of Delaware, Department of Public Safety, Delaware Emergency Management Agency agrees to provide the following:

1. Notification to the Emergency Department triage nurse of the Christiana Hospital/Wilmington Hospital, Christiana Care Health Services, upon declaration of an alert, site area and general emergency action levels at Salem/Hope Creek Nuclear Generating Stations.

2. Emergency information to the Emergency Department of the Christiana Hospital/Wilmington Hospital, Christiana Care Health Services, concerning exposure rates, types of radiological contaminants and casualty information during the course of a general emergency action level with release effects in the State of Delaware.

3. An opportunity to submit an annual budget request to subsidize preparedness activities by the CCHS to coincide with preparation of a Statewide Delaware Radiological Emergency Preparedness Budget Proposal for funding consideration by Public Service Enterprise

Group (PSEG) Nuclear of New Jersey (Utility).

4. Responsibility for packaging and assuring the proper packaging of waste material from decontamination operations in accordance with the Federal procedures required for Low Specific Activity (LSA) waste as defined in Title 49: Code of Federal Regulations.

5. The Utility by agreement with the State of Delaware is responsible for waste disposal at a waste disposal facility site approved by the Nuclear Regulatory Commission (NRC) and the state in which the disposal site is located.

It is expressly understood that CCHS, by entering into this Agreement, assumes no responsibility or liability relating to the operation of the Salem/Hope Creek Nuclear Generating Stations and that the Utility shall indemnify, defend and hold harmless CCHS from any claim, liabilities, loss or damage resulting from any actions, causes of actions, claims which shall be caused by or in any way result from or arise out of any act, omission or negligence of the Utility or its agents or employees as per the Memorandum of Understanding between the Utility (Public Service Enterprise Group-PSEG Nuclear) and the State of Delaware and the terms of the Price Anderson Act.

This agreement supersedes and voids all previous agreements between CCHS and Delaware Emergency Management Agency for the purpose of providing medical services to radiologically exposed or contaminated, injured persons in response to an incident associated with the Salem/Hope Creek Generating Stations.

This agreement shall be effective upon signature of both parties. Either party may cancel this agreement or request a modification upon 90 days written notice.

James Caldas
Executive Vice President
And Chief Operating Officer
Christiana Care Health Services

6/23/00
Date

John P. Mulhern
Director
State of Delaware
Delaware Emergency Management
Agency

JUNE 12, 2000
Date

Planning/NBC/MOU/MEDCTR-0600

Approved as to form only:
Attorney General State of Delaware

By: _____

5/25/06
Date

LETTER OF AGREEMENT

BETWEEN

COLONIAL SCHOOL DISTRICT

AND

STATE OF DELAWARE
DELAWARE EMERGENCY MANAGEMENT AGENCY

Our agency has reviewed the Memorandum of Understanding contained in the Agreements Section of the State of Delaware Radiological Emergency Plan.

We concur that the MOU is still effective and that our agency shall adhere to the principles set forth in the MOU.

Kenneth C. Schilling Date
President, Colonial School District Board of Education
23JAN05

James E. Turner, III Date
Director
DE Emergency Management Agency
1/13/05

LETTER OF AGREEMENT

BETWEEN

COLONIAL SCHOOL DISTRICT

AND

STATE OF DELAWARE
DIVISION OF EMERGENCY PLANNING AND OPERATIONS

WILLIAM PENN HIGH SCHOOL agrees to allow the premises of WILLIAM PENN to be used as a registration center in the event of a public evacuation due to an accident at a nuclear power facility affecting Delaware, provided that this evacuation is caused by a Declaration of Emergency by the Governor of the State of Delaware, and the above mentioned registration center is manned by representatives of the Delaware National Guard, Division of Social Services, Delaware State Police, Department of Services for Children Youth and Their Families, and Department of Public Instruction. It is further understood that WILLIAM PENN HIGH SCHOOL is immune from civil liability when the provisions of this agreement are being executed per 20 Del. C. Par. 3114.

Daniel T. Muir
President-Colonial School District
Board of Education

4/12/90
Date

James W. Hoffman
Director
Division of Emergency Planning
and Operations

3/26/90
Date

LETTER OF AGREEMENT

BETWEEN

TELEDYNE ISOTOPES, KNOXVILLE, TN

AND

STATE OF DELAWARE
DELAWARE EMERGENCY MANAGEMENT AGENCY

Our agency has reviewed the Memorandum of Understanding contained in the Agreements Section of the State of Delaware Radiological Emergency Plan.

We concur that the MOU is still effective and that our agency shall adhere to the principles set forth in the MOU.

Keith Jeter 1/24/05
Keith Jeter Date
Environmental Analysis
Teledyne Brown Engineering

James E. Turner, III 1/13/05
James E. Turner, III Date
Director
DE Emergency Management Agency

MEMORANDUM OF UNDERSTANDING

BETWEEN

TELEDYNE BROWN ENGINEERING INC. (TDE), KNOXVILLE, TENNESSEE

AND

STATE OF DELAWARE

DELAWARE EMERGENCY MANAGEMENT AGENCY (DEMA)

Teledyne Brown Engineering Inc. agrees to furnish certain service to the State of Delaware and provide radiological laboratory analysis services to support the Delaware Radiological Emergency Plan (REP) as applicable to Fixed Nuclear Facilities. Furthermore, for the duration of this agreement, Teledyne Brown Engineering Inc. will participate in the U.S. Environmental Protection Agency Environmental Radioactivity Laboratory Intercomparison Studies Program for the following samples: water, (gross alpha and beta, cesium, strontium). Specific terms of this agreement are as follows:

1. Teledyne Brown Engineering Inc. will analyze all environmental samples submitted to them by the State of Delaware. In general, these samples will include: soil, water, milk, vegetation, shore sediment, meat, fish and air samples.

2. Teledyne Brown Engineering Inc. will provide twenty-four hour availability of qualified personnel necessary to perform specified sample analysis.

3. Teledyne Brown Engineering Inc. will provide sample analysis results, where possible, within a twenty-four hour period after initial receipt of the raw environmental samples from the State of Delaware.

4. Teledyne Brown Engineering Inc. will provide facilities necessary for the preparation of raw environmental samples to permit their analysis.

5. All raw environmental samples provided to Teledyne Brown Engineering Inc. for analysis will appropriately labeled and identified to facilitate reporting of analysis results.

6. Teledyne Brown Engineering Inc. will bill the State of Delaware Radiological Emergency Program for any services provided under this agreement.

7. Upon formal notification from the State of Delaware that environmental monitoring support will be provided by another laboratory, this agreement will be mutually terminated.

It is understood that the Delaware Emergency Management Agency will notify Teledyne Brown Engineering Inc. as provided in the Delaware Radiological Emergency Plan (REP) so that the services described herein can be provided.

8. Upon formal notification from the State of Delaware that environmental monitoring support will be provided by another laboratory, this agreement will be mutually terminated.

It is understood that the Delaware Emergency Management Agency will notify Teledyne Brown Engineering Inc. as provided in the Delaware Radiological Emergency Plan (REP) so that the services described herein can be provided.

Dr. Alan Latham
Laboratory Director
Environmental Analysis
Teledyne Brown Engineering Inc.

2/7/01
Date

John P. Mulhern
Director
State of Delaware
Delaware Emergency Management Agency

7-10-00
Date

Approved as to form only:
Attorney General State of Delaware

By:

7/21/00
Date

LETTER OF AGREEMENT

BETWEEN

DELAWARE NATIONAL GUARD

AND

STATE OF DELAWARE
DELAWARE EMERGENCY MANAGEMENT AGENCY

Our agency has reviewed the Memorandum of Understanding contained in the Agreements Section of the State of Delaware Radiological Emergency Plan.

We concur that the MOU is still effective and that our agency shall adhere to the principles set forth in the MOU.

1/31/05

Colonel Ed Smith Date
Plans, Operations and
Military Support Officer
Delaware National Guard

1/13/05

James E. Turner, III Date
Director
DE Emergency Management Agency

MEMORANDUM OF UNDERSTANDING

BETWEEN THE

DELAWARE NATIONAL GUARD

AND THE

STATE OF DELAWARE
DELAWARE EMERGENCY MANAGEMENT AGENCY

The Delaware National Guard agrees to permit the premises and facilities of the Army and Air National Guard at the New Castle County Airport in New Castle, Delaware to be used as a staging area for the Federal Radiological Monitoring and Assessment Plan (FRMAP) personnel for aircraft landing, secure aircraft storage and parking areas for ground vehicles in response to an incident at the Artificial Island Nuclear Generating Station located in Lower Alloways Creek Township in New Jersey, provided that said use is in compliance with implementation of the Delaware Radiological Emergency Plan (REP) authorized by the Governor of the State of Delaware.

It is further agreed that the Delaware National Guard is immune from civil liability when the provisions of this agreement are being executed in accordance with the Delaware Code Annotated, Title 20, Paragraph 3116.

George K. Hastings, MG
Adjutant General
Delaware National Guard

28 FEB 94
Date

John P. Mulhern
Acting Director
Delaware Emergency Management Agency

2/11/94
Date

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

ENCLOSURE

Protocol Agreement for State of Delaware Observation of NRC Inspections

NRC Protocol:

- NRC will process written requests to the Regional Administrator through the State Liaison Officer (SLO). Requests should identify the type of inspection activity and facility the State wishes to observe.

- The Regional State Liaison Officer (RSLO) will normally be the lead individual responsible for tracking requests for State observation and for advising the Regional Administrator on the disposition of these requests. The appropriate technical representative or Division Director will communicate with the State on specific issues concerning the inspection(s).

- Requests for observations of Headquarters-based inspections will also be coordinated through the RSLO to a technical representative designated by the Region.

- Limits on scope and duration of the observation period may be imposed if, in the view of the Regional Administrator, they compromise the efficiency or effectiveness of the inspection. Regions should use their discretion as to which, if any, inspections will be excluded from observations.

- States will be informed they must not release information concerning the time and purpose of unannounced inspections.

- The Region will make it clear to the licensee that the State views are not necessarily endorsed by NRC. The Region will also make it clear that only NRC has regulatory authority for inspection findings and enforcement actions regarding radiological health and safety.

State Protocol:

- A State will make advance arrangements with the licensee for site access training and badging (subject to fitness-for-duty requirements), prior to the actual inspection.

- Normally, no more than one individual will be allowed to observe an NRC inspection.