

January 27, 2006

Ms. Deborah Bell, Technical Services Branch Chief
U.S. Department of Homeland Security
99 High Street, 5th Floor
Boston, MA 02110

Dear Ms. Bell:

Please be advised that in accordance with 44 CFR 350; NUREG-0654/FEMA REP-1, FEMA GM PR-1 A, and Vermont Statutes Annotated Title 20, Part 1, Chapter 1, Section 3a.(1); the State of Vermont hereby submits the Annual Letter of Certification with attachments, for the calendar year 2005 for the Entergy Nuclear Northeast Vermont Yankee Power Station. This Letter of Certification has been prepared by the staffs of the Radiological Emergency Response Program and the Emergency Management Division.

As we understand the certification process, the effect and purpose of our letter to you is to simply set forth Vermont Emergency Management's efforts and plans, in a format designed by the federal government. The certification letter is not in fact a certification of the efficacy of certain plans or preparedness. Regarding the latter, we will remain in contact with you and your organization as these issues may arise during our tenure.

Review/Concur: _____

Kerry L. Sleeper, Commissioner
Vermont Department of Public Safety

ANNUAL LETTER OF CERTIFICATION (ALOC)

Calendar Year 2005

SUMMARY OF ACTIVITY FOR 2005

2005 was a very busy year for the Vermont Radiological Emergency Response Plan (RERP) Program. Some of the more significant events were:

- Conducted the 2005 biennial Entergy Nuclear Northeast Vermont Yankee Plume Phase and Ingestion Pathway Evaluated Exercise on May 24, 25, and 26, 2005 (see FEMA Exercise Report dated September 9, 2005).
- In preparation for the 2005 Plume and Ingestion Pathway Exercise conducted the following drills:
 - Combined Functional Plume Phase Drill - January 12, 2005.
 - Federal Radiological Monitoring and Assessment Center (FRMAC) outreach tabletop training for the Ingestion Pathway Exercise in Brattleboro, VT January 19 and 20, 2005.
 - Plume and Ingestion Pathway Drill - March 9, 10 & 11, 2005.
 - Plume Phase Drill - April 27, 2005.
- Conducted the following remedial demonstrations/exercises to correct issues in the plume phase exercise on May 24, 2005:
 - Halifax Route Alerting Demonstration - July 26, 2005.
 - State EOC and Vernon EOC practice Drill - July 27, 2005
 - State EOC and Vernon EOC Remedial Exercise - August 18, 2005 (see FEMA Exercise Report dated September 9, 2005)
- Conducted two bus drills in the EPZ area. The February bus drill corrected issues brought up in the drill conducted in December of 2004. It also proved that all of the schools in the entire EPZ could be evacuated in a short amount of time. The October drill was conducted to prove that the same objective could be achieved in an unannounced drill. Both drills were successful.
 - February 15, 2005
 - October 27, 2005
- Participated in a Vermont Yankee Quarterly drill on December 13, 2005. The objectives were:
 - To provide an opportunity to practice with the new recently installed disaster management software (Disaster LAN) system and to start to use the system in a simulated emergency. The system did not have all of its components functioning

but it did give participants the opportunity to use the basic sections in a simulated emergency scenario.

- To provide an opportunity to train more alternates for various response positions with state agency representatives and EOC staff. Some additional personnel were brought in and given experience either in a new or different role.
- The town of Marlboro submitted a request to Vermont Emergency Management on March 17, 2005, for assistance in forming response plans and joining the Vermont Yankee EPZ. The Southeastern portion of the town is within the ten (10) mile EPZ which is similar to Brattleboro, Dummerston and Halifax who only have a portion of their towns within ten miles of Vermont Yankee. Marlboro is requesting that the whole town be considered to be within the ten-mile planning zone. Based upon verbal communications with the Nuclear Regulatory Commission (NRC) the State of Vermont on September 15, 2005, requested from FEMA Region I that the necessary steps be taken to admit the Town of Marlboro to the Vermont Yankee EPZ (see Attachment 1). The Director of FEMA Region I replied by letter on November 18, 2005, that the decision had to be made by Entergy Nuclear Northeast, owner of Vermont Yankee (see Attachment 2). The State of Vermont requested inclusion of Marlboro in the ten-mile EPZ of Entergy Nuclear Northeast Vermont Yankee on December 6, 2005 (see Attachment 3).
- Created the position of Administrative Assistant B for the Brattleboro Office. Advertised for and hired a person to fill that position who subsequently returned to their previous employer. Steps were taken in late 2005 to fill this position in early 2006.
- Created the position of RERP Program Director for the Brattleboro Office. The RERP Program Director will report for duty in early 2006. This position and the Administrative Assistant B position will increase the EPZ area staff from two (2) full-time permanent positions and one (1) part-time permanent position to four (4) full-time permanent positions and one (1) part-time permanent position.
- The total number of approved positions in the Brattleboro office on December 31, 2005, was five with three of them filled.
- Albert L. Lewis resigned as Emergency Management Director on January 28, 2005, to take a position in private industry. Department of Public Safety Deputy Commissioner A. Marc Metayer assumed the position of Acting Director until a replacement was hired. Barbara S. Farr assumed the position of Emergency Management Director on June 13, 2005.
- Vermont Emergency Management with federal funds contracted with RS Telecom, Inc., for a Vermont study of the Emergency Alert System (EAS) which included Windham County. The study was entitled "State of Vermont Emergency Alert System Network Review and Proposed Changes". The study identified a number of issues and solutions are being implemented as funds become available.

- The Vermont State Emergency Operations Center was reorganized both in organizational concept and physical layout. State agencies were grouped by State Support Functions (SSFs) which closely follow the Federal Emergency Support Functions (ESFs). Work stations were arranged to enable state agencies to work in functional groups in emergencies. This makes coordination and communication much easier. This system worked relatively well in the evaluated exercise in May 2005.
- Vermont Yankee implemented a replacement for their Nuclear Alert System (NAS) in 2005. The new system provided an additional outlet in Vermont which allows the Alternate State Warning Point in Rockingham to also receive notification of an incident at Vermont Yankee.
- The Department of Homeland Security provided a grant of \$ 300,000 to the Town of Brattleboro to increase public awareness of what to do in an emergency. The focus was on an approach that would cover all types of emergencies including one at Vermont Yankee. The other Emergency Planning Zone Towns were included in the steering committee membership. The committee hired Howell Martin Marketing & Advertising of Brattleboro as the contractor.
- The efforts to modernize alert and notification at a state and local level continued. After reviewing many responses to the Request For Information (RFI) issued in 2004 it was determined that the Department of Public Safety's telephone system (Meridian Mail) needed to be upgraded to provide an adequate platform for additional improvements in the notification system. Two demonstrations were conducted on February 18, and April 12, 2005, by TDS Telecom and Nortel, Inc. As a result of these demonstrations an order was placed in early June of 2005 for the Call Pilot Voice Mail platform. This not only provided additional features needed for the notification system but also provided an additional T-1 slot. This slot will allow for 23 additional telephone lines to be used in an emergency.
- The RERP office in Brattleboro is in the process of being upgraded in both size and computer capability. This will be completed in early 2006.
- The RERP Training Program achieved over 850 training contacts in its first year with a 97% attendance rate. The program is anticipated to see a 50% growth through course offerings to child care center staff, school staff training, bus company training and training for parents and the public. A more complete description of the training program and completed sessions with number of participants follows in Section 5 and Table 1 and Table 2.
- As part of the RERP training the staff attended several courses and conferences in 2005. Among them were the National Radiological Emergency Preparedness Conference held in Harrisburg, Pennsylvania, April 11 through 14, 2005, The NRC Public Meeting in Bethesda, Maryland in August 2005, and the NRC Region 1 (FEMA Regions 1,2,& 3) Annual Scheduling Conference in Manchester, New Hampshire November 30 through December 2, 2005 (see Table 3 for more detail).

- An non-evaluated Medical Service (MS-1) drill was held at the Brattleboro Memorial Hospital on December 28, 2005, by Vermont Yankee. Vermont Yankee will issue a report.
- Participated with New Hampshire, Massachusetts and Entergy Nuclear Northeast-Vermont Yankee in the preparation and conduct of the Evacuation Time Estimate (ETE) Study. Revision 1 was distributed in February 2005 by KLD Associates, the Entergy Northeast Nuclear contractor.
- All of the approximately 100 plans and procedures were reviewed and many of them revised prior to the May 2005 exercise (see Table 5 for a complete list of plans and procedures).
- The Department of Homeland Security requires that all plans be compliant with the National Incident Management System (NIMS ICS) and the National Response Plan (NRP). Some of the RERP facilities and plans have already been revised and the remainder will be compliant by December 31, 2006.
- There were some organizational changes with the field teams that required major revision of two sets of procedures. The Vermont HAZMAT Team assumed the responsibility of the Plume Tracking Teams and the leadership of the Post Plume Sampling Teams from the Vermont Health Department. The Vermont Health Department shifted their personnel from the Plume Tracking Teams to the Post Plume Sampling Teams. The Vermont Agency of Agriculture and the Vermont Agency of Natural Resources continued to provide personnel to the Post Plume Sampling Teams. Not only were the procedures revised but tested at the various drills prior to, and in, the evaluated exercise.
- On October 8 and 9, 2005, a very heavy rain storm caused dam failures and road washouts in Southwestern New Hampshire including their portion of the EPZ. Upon being notified that portions of Hinsdale could no longer evacuate in the event of an emergency at VY into New Hampshire as called for in their plan, Vermont arranged with Brattleboro for those isolated Hinsdale residents to plan on evacuating through Brattleboro. Additionally the States of Vermont and Massachusetts and Vermont Yankee conducted a telephone conference and made contingency plans in the event of an emergency at Vermont Yankee to assume portions of New Hampshire's Plume tracking and Post Plume Sampling tasks. Within a week or so the situation was corrected with temporary repairs. During that time period New Hampshire kept its neighbors informed of repairs and other status changes.
- Ensured that each of the RERP response organizations had a sufficient quantity of operable, annually calibrated direct reading dosimeters, thermoluminescent dosimeters (TLDs), and radiation meters in 2005. This required purchasing additional instruments to keep up with older units becoming un-repairable and increased demand for instruments by some response organizations.

- One of the concerns expressed by the Town of Marlboro, and several other towns on the western edge of the emergency planning zone, has been the need for a Western Reception Center. Two different potential sites have been identified and affected towns are being involved in the decision about which one is selected. Plans are being made to create this center in 2006 and funds have been appropriated for it in the FY 2006 budget.
- The Vermont Legislatures appropriations bill (H.0768) for State Fiscal Year 2005 was approved for \$925,711, and when signed by the Governor became Act 122, Sect 87.
- As a part of the State Fiscal Year 2005 and 2006 appropriations, the funding to the local EPZ towns and organizations was stream-lined to provide each town with a \$5,000 base grant for radiological emergency response related expenditures. Another amount was provided in the budget for the towns/organizations to apply for specific projects or additional grant monies.
- As our responsibility for the RERP program grows, and in order to adequately satisfy program requirements, we continue to rely on state and local responders to fill many emergency response staff positions in the program.

The following information is provided in accordance with RG REP 02, REV. 9 as further defined by NUREG-0654, elements G, H, N, N, O, P; FEMA REP-2 (Rev.2), 10,14, 15: and FEMA GMs PR-1, AN-1, and MS-1.

1. PUBLIC EDUCATION AND INFORMATION

A. Annual Dissemination of Information

The annual dissemination of Emergency Public Information (EPI) occurs at the end of one reporting period and the beginning of another. Consequently the discussion of EPI dissemination includes materials from both 2005 and 2006.

The annual dissemination of Emergency Public Information (EPI) was performed and included information on how the public would be notified and what their actions should be in an emergency. This was accomplished through a combination of calendars, emergency information brochures, and posters (placards). For the sight-impaired and persons who cannot read, cassette tapes of emergency public information were distributed by Vermont Yankee to EPZ Town Libraries in 2005.

The 2005 and 2006 calendars were prepared jointly by Vermont Yankee (VY) and Vermont Emergency Management (VEM), approved for publication by VEM, and printed by Springfield Printing Corporation, a professional printer under contract to VY. After the initial dissemination of 2005 calendars in December of 2004, 2005 calendars continued to be provided to members of the public who requested them throughout 2005. In December 2005, the 2006 calendars were mailed to a specific list of residents.

The 2005 brochures contained much of the same emergency information as found in the 2005 calendar. Information is checked annually for accuracy and is designed to reach a target audience of tourists and other transients traveling in the area. The 2005 brochures were disseminated in early 2005. The 2006 brochure has been developed, reviewed and approved for printing in December 2005 but will not be printed or disseminated until early 2006. Therefore the dissemination information provided by this report will be for the 2005 brochure.

The 2005 poster contained a portion of the same emergency information as was in the 2005 calendar and displays an enlarged evacuation map. The information provided is reviewed annually by VEM for accuracy and is designed for prominent display in businesses and outdoor recreation areas. The 2005 posters were disseminated in early 2005. The 2006 poster was developed, reviewed and approved for printing in December 2005 but will not be printed or disseminated until early 2006. Therefore the dissemination information provided by this report will be for the 2005 posters.

(1) Means of dissemination of Emergency Information:

- (a) The 2006 calendars were distributed to each household in the Vermont EPZ during the month of December 2005, by Mailrite, Inc., of Putney, VT., through the USPS system. In addition, a supply of calendars were hand delivered to the Town Clerk's Office in each EPZ community.

Individual requests were filled by Vermont Yankee and the Brattleboro and Waterbury offices of Vermont Emergency Management.

- (b) The 2005 brochures designed to reach a target audience of tourists and other transients were distributed to motels, hotels, and bed & breakfasts within the EPZ during the first quarter of 2005.
- (c) The 2005 posters were distributed to businesses, operators of campgrounds and other outdoor recreational areas in early 2005 except that there are some areas that are only open in the summer. They received theirs at the beginning of their season.
- (d) For the sight-impaired and persons who cannot read, cassette tapes of emergency public information are maintained in EPZ town libraries.

(2) Identification of recipients:

Mailrite, Inc., of Putney, VT., purchased the City Delivery and Post Office Box addresses for those towns where U.S. Postal Service regulations required specific addresses. In addition the current numbers for all residential postal delivery to Rural Routes and Highway Contract Routes were obtained from the Post Office in each town.

- (a) The 2006 calendar was distributed in December of 2005 (see Attachment 4). Mailrite, Inc., mailed a total of 22,789 calendars with 16 pages of emergency information to all EPZ households in the three state EPZ on December 14 and 16, 2005. Of that number 10,741 were mailed to residents in Vermont on the 14th. In addition, calendars were hand delivered to each Town Clerk's office in each of the EPZ communities.
- (b) Mailrite, Inc., received the list of Vermont businesses along with the posters and accompanying letters to be mailed out on January 14, 2005. They mailed a total of 1,220 posters on January 19, 2005 (see Attachment 6). In addition, the posters were distributed to all campground operators. VEM staff will ensure that posters are displayed in other recreational areas and state and local emergency response facilities.
- (c) Brochures were sent to all known (18) Hotels, Motels and Bed Breakfasts within the EPZ during the first quarter of 2005. In addition a supply was delivered to all EPZ Town Clerks and to the State office in Waterbury. A total of 3,300 brochures were distributed.

(3) Copies of all publications/brochures described in this document are included below:

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- (a) Vermont Yankee Vermont Calendar for 2006 with 16 pages of emergency information. Also included is the 2005 calendar (see Attachment 5).
- (b) "For Your Information" poster for 2005 (17" x 22" tri-color) (see Attachment 6).
- (c) "1 > 2 Know What to Do For All-Hazards Emergency Preparedness || For Your Information" poster for 2006 (17" x 22" tri-color) (see Attachment 6).
- (d) "Vermont Emergency Public Information" brochure for 2005, (9" x 15.75" four-color) (see Attachment 7).
- (e) "Vermont Emergency Public Information" brochure for 2006, (9" x 15.75" four-color) (see Attachment 7).

B. Yearly Maintenance of Emergency Public Information

The poster (also called a "Placard") distributed to businesses, campgrounds and recreational areas is reviewed annually for accuracy and is revised if necessary, reprinted, and re-distributed each year.

- (1) The recreational areas that receive posters and brochures were not expanded nor were there any new transient areas added to the plume EPZ.
- (2) The 2005 posters were reviewed and revised in 2004 by VEM and VY. Vermont Yankee had the posters printed by a professional printer and the VEM staff placed the posters in recreational areas in the EPZ in 2005.

C. Dissemination of Emergency Information to Transient Population

Information is disseminated to the transient population in the EPZ through the programs described above in Section 1.A. and 1.A.(1). The posters and brochures are designed with tourists and transients in mind and the widely disseminated calendars have information that pertains to both residents and transients alike.

- (1) Dissemination:
 - (a) The 2005 poster was mailed out to the 18 businesses in the EPZ listed below in C.1.(b) on January 19, 2005. The total number of posters mailed were 1,220. Additionally VEM will ensure that the poster is displayed in state and local emergency response facilities.

The plasticized version of the 17" x 22" poster was revised in 2004 and was placed in the following locations in the Spring of 2005, and replaced as appropriate. These locations are utilized on a seasonal basis only.

Camps and Parks:

- i. Brattleboro KOA Camp Ground Dummerston
- ii. Fort Dummer State Park Brattleboro
- iii. Camp Waubanong Brattleboro
- iv. Green Mountain Camp for Girls Dummerston

Boat Launches in Vermont on or near the Connecticut River

- i. Old Ferry Road in Brattleboro
- ii. South of the Putney Town line in Dummerston
- iii. Just North of the Dummerston Town line in Putney

- (b) The brochure was sent to all known (18) hotels and motels and other locations frequented by tourists and transients within the Vermont portion of the EPZ. Additionally VEM staff will ensure that they are available in state and local emergency response facilities. The Hotel/Motel brochures were distributed in 2005 to the following:

- i. 1868 Crosby House
- ii. Artists Loft Bed & Breakfast
- iii. Beckwood Pond Country Inn
- iv. Best American's Inn of Brattleboro
- v. Colonial Motel & Spa
- vi. Dalems Chalet
- vii. Econo Lodge
- viii. Forty Putney Road Bed & Breakfast
- ix. Holiday Inn Express
- x. Lamplighter Inn
- xi. Latchis Hotel
- xii. Meadowlark Inn
- xiii. Molly Stark
- xiv. Motel 6
- xv. Quality Inn & Suites
- xvi. Super 8 Motel
- xvii. Tudor Bed & Breakfast
- xviii. West Village Motel

- (2) As noted in 1.A.(3) above, a sample of public information materials are included in this package (see Attachments 5, 6, and 7).

D. Annual Media Program

The annual media program was conducted to acquaint news media with the emergency plans, information concerning radiation and points of contact for the release of public information in an emergency.

- (1) The annual media program was conducted by the Vermont Yankee Public Relations Office during the week of December 27, 2005, with local media. They were provided with Vermont Yankee Joint News Center information which included a Vermont Yankee press kit (see Attachment 8). Information was also provided on general plant operations, radiation, and emergency planning.
- (2) Visits were conducted to hand deliver materials (kits) to the following organizations in December 2005:
 - (a) Associated Press, Montpelier, VT
 - (b) Brattleboro Reformer, Brattleboro, VT
 - (c) Burlington Free Press, Burlington, VT
 - (d) Greenfield Recorder, Greenfield, MA
 - (e) Keene Sentinel, Keene NH
 - (f) Rutland Herald, Rutland, VT
 - (g) Union News, Greenfield, MA
 - (h) Vermont Public Radio, Colchester, VT
 - (i) WCAX Channel 3, Burlington, VT
 - (j) WHAI, Greenfield, MA
 - (k) WKNE/WKBK, Keene, NH
 - (l) WNNE Channel 31, White River Junction, VT
 - (m) WTSA, Brattleboro, VT
- (3) The kits included:
 - (a) Vermont Yankee calendar (appropriate VT)
 - (b) A map to corporate headquarters in Brattleboro where the Vermont Yankee Joint News Media Center is located
 - (c) A Guide to Nuclear Energy prepared by the Nuclear Energy Institute
 - (d) NRC-Regulator of Nuclear Safety booklet
- (4) The annual media program was conducted by Vermont Yankee.
- (5) The program consisted of one-on-one meetings with members of the media and distribution of the media kit. All programs were designed to provide news organizations with general information, emergency planning, radiation, general plant operations, and points of contact for release of public information. A follow-up reminder was sent to each of the newsrooms on January 11, 2006.

(6) Awareness Programs.

- (a) An appreciation dinner sponsored by Vermont Yankee was provided for state and local officials involved in the program such as Board of Select persons, managers, and media at the Keene, NH, Country Club on September 29, 2005. This provided key personnel in state and local response organizations to discuss issues and public awareness in a relaxed atmosphere.

E. RERP Program Website

A portion of the Emergency Management Division's website is devoted to the Radiological Emergency Response Program. This site "<http://170.222.24.9/vem/request.html>" or "www.vtnuclearsafety.com" contains all of the Emergency Planning Information (EPI) found in the 2005 Vermont Yankee calendar. The process of adding 2006 EPI to the website was started in late 2005 will be completed in early 2006. Information may be downloaded in Acrobat Reader (PDF) format. It also provides a means to request special versions of this information for people in the EPZ with special needs. Beyond the benefit of having an additional way to approach the public with the information is the advantage of being able to make changes to the EPI if they are needed. The ongoing implementation of the Potassium Iodide distribution to the public may be such an instance.

F. Additional Public Information

The Department of Homeland Security provided a grant of \$300,000 to the Town of Brattleboro to increase public awareness of what to do in an emergency. The focus was on an approach that would cover all types of emergencies including one at Vermont Yankee. A steering committee was formed to provide local input. The other Emergency Planning Zone Towns were included as members of the steering committee. The committee hired Howell Martin Marketing and Advertising of Brattleboro, VT., as the contractor. The campaign was designed to be compatible with and beneficial to the RERP program but to focus on all hazards. The effort resulted in a number of informational documents for the public. The primary slogan in the campaign was "1, 2, Know What To Do". The effort resulted in a number of informational documents for the public. The primary slogan in the campaign was "1, 2, Know What To Do" (see Attachment 9 for a sample).

2. EMERGENCY FACILITIES AND EQUIPMENT

A. Inspection, Inventory and Operational Checks

Quarterly inventory and operational checks were completed for the five (5) EPZ Emergency Operations Center's (EOCs), the Emergency Operations Facility (EOF), the Incident Field Office (IFO), Laidlaw Transportation, and the Bellows Falls Union High School (BFUHS) Reception Center. Completed quarterly checklists are on file at the Vermont Emergency Management Office in Brattleboro (see Attachment 10 for a sample).

(1) Type of Equipment

- (a) Model 715 Direct Reading 0-1000mR Dosimeters
- (b) CD V 725 Direct Reading 0-5R Dosimeters
- (c) CD V 730 Direct Reading 0-20R Dosimeters
- (d) Thermoluminescent Dosimeters (TLD)
- (e) CDV 700 Radiological Survey Meter
- (f) CDV 715 Radiological Survey Meter
- (g) CDV 718 Radiological Survey Meter
- (h) CDV 750 Dosimeter Charger
- (i) CDV 750-6 Dosimeter Charger
- (j) Two (2) Bicron Model 903 Portal Monitors
- (k) Emergency Worker Kits

(2) Quantity of Equipment

An inventory of all equipment is maintained in the RERP office in Waterbury, VT. See the RERP Emergency Worker Personal Equipment Allocation (Attachment 11) for a complete inventory of the radiological detection equipment.

(3) Dates of Inspection/Inventory/Checks

Files are maintained in the RERP office in Waterbury, VT., which contain the records of the Quarterly Checklist/Inventory and all documentation on instrument calibration.

The Radiological Instruments stored in the Reception Center trailer were exchanged during June 2005. The next exchange is due in June 2006. The TLD's and 0-5R Dosimeters are stored at the BFUHS Reception Center. The TLD's were exchanged in December of 2005. The 0-5R Dosimeters were delayed by the holidays and were exchanged in early January 2006. Since all items are on an annual calibration schedule, the 2006 exchange will occur in June and December of 2006.

(4) Location of Equipment

The RERP Emergency Worker Personal Equipment Allocation (Attachment 11) lists in column A the location of all equipment, emergency worker kits, and potassium iodide (KI) supply.

The equipment to be used at the Bellows Falls Union High School (BFUHS) Reception Center is stored on a trailer which is located at the Westminster Fire Department facility

B. Calibration of Survey Instruments

- (1) All survey instruments including dosimeters and meters were calibrated annually (see Attachment 9 for documentation on calibration).
- (2) Direct Reading Dosimeters (DRDs) continue to be electrically leak checked and calibrated at the New Hampshire Calibration Laboratory with the exception of the CDV 715 Dosimeter.
- (3) Fifty CDV 715 Dosimeters (0-1000 mR) were leak tested and calibrated by the manufacturer ArrowTech in Rolla, North Dakota. This was done in October of 2005 at a cost of \$260.00.
- (4) Thermoluminescent Dosimeters (TLDs) are exchanged on an annual basis with the Framatome Laboratory and paid for by Vermont Yankee. The exchange was done in June 2005. A complete instrument inventory has been done and a calibration schedule developed. Also see Section 2.A.(1) through (4) above.
- (5) Two Ludlum Model 3 Survey Meters and three probes for each meter were calibrated at the Ludlum Calibration Laboratory in Sweetwater, Texas, at a cost of \$225.00.
- (6) Three Ludlum Model 19 Micro R Meters were calibrated at the Ludlum Calibration Laboratory in Sweetwater, Texas, at a cost of \$185.00.

C. Direct-Reading Dosimetry Testing

See Section 2.A.(1) through (4) and 2.B. (1) and (2) above.

D. Potassium Iodide (KI) Availability

The Vermont Department of Health maintains a supply of KI in their office located in the EPZ. The RERP Brattleboro office is able to use this supply to place KI in

child care centers, etc. Attachment 11 also lists the inventory and location of KI packets placed in the EPZ facilities.

- (1) The expiration date on our supply of 65 mg KI purchased from Recip U.S. was August 2005. It has now been extended to August 2006.
- (2) The expiration date on our supply of 130 mg KI received from the Nuclear Regulatory Commission (NRC) was August 2005. It has now been extended to August 2007.

E. Instruments

A total of 200 Direct Reading Dosimeters (DRDs) were purchased in 2005 to replace those failing calibration and/or electrical leak test and to facilitate future exchanges at a cost of \$11,000 as follows:

- (1) 100 Model CD V-725 Direct Reading 0-5R Dosimeters
- (2) 100 Model CD V-730 Direct Reading 0-20R Dosimeters

F. Additional Equipment

Awards from State FY2005 and FY2006 were made to EPZ towns and organizations during calendar 2005 (see Attachment 13 , Awards Tracking spreadsheet for details).

- (1) Thirty Five (35) Bravo LX Numeric Pagers were purchased (\$1,015) for use by state and local pager carriers. Many of these were used to replace failed units.
- (2) Two (2) Fixed Facility Satellite Antenna Telephone installations (\$3400) along with a portable Satellite Telephone (\$700) were purchased from Global/Airstar Communications to provide an additional backup source of communications in emergencies and drills.

3. EXERCISES, CONFERENCES AND MEETINGS

A. Exercises:

- (1) In preparation for the 2005 Plume and Ingestion Pathway Exercise conducted the following drills:
 - (a) Combined Functional Plume Phase Drill, January 12, 2005.

- (b) Federal Radiological Monitoring and Assessment Center (FRMAC) outreach tabletop training for the Ingestion Pathway Exercise in Brattleboro, VT January 19 and 20, 2005.
 - (c) Plume and Ingestion Pathway Drill, March 9,10 & 11, 2005.
 - (d) Plume Phase Drill, April 27, 2005.
- (2) The 2005 Plume and Ingestion Pathway Exercise was conducted on May 24 through 27, 2005.

B. Conferences:

- (1) Two RERP staff (one from the Brattleboro office and one from the Waterbury office) attended the National REP Conference in Harrisburg, PA, April 11 through 14, 2005. As part of that conference they attended two half day seminars on April 11, 2005. The first was the National Response Plan - Radiological ANNEX and National Incident Management System and the second was Emergency Preparedness Initiatives.
- (2) Two VEM Staff members (one from the Brattleboro office and one from the Waterbury office) attended the Radiological Emergency Preparedness (REP) Scheduling Conference in Manchester, New Hampshire, November 30 through December 2, 2005.
- (3) The Deputy Commissioner of the Department of Public Safety and the Director of Emergency Management attended the Radiological Emergency Planning course at the Harvard School of Public Health in Boston, Massachusetts, August 9 through August 12, 2005.
- (4) The Deputy Commissioner of the Department of Public Safety attended a Public Meeting in Bethesda, Maryland, called by the Nuclear Regulatory Commission in August of 2005.

C. Meetings:

As we continue to improve the program and ensure coordination and connectivity between different organizations and facilities we continued to conduct numerous meetings during 2005. This has provided the EPZ community and State agencies with more input to various projects and issues. See Table 4 for a listing of meetings attended by RERP staff.

4. DRILLS

A. Communications Drills

- (1) Monthly communications tests were conducted between the Waterbury Emergency Operations Center (EOC), EPZ town EOCs, the Incident Field Office (IFO), the Emergency Operations Facility (EOF), and the BFUHS Reception Center. Telephones, radios and fax machines were all tested.

Numerous special arrangements were made to accommodate local schedules. Logs of these tests are on file at the RERP Waterbury office.

- (2) Weekly tests of the Nuclear Alert System were conducted by SWP and ASWP staffs throughout 2005 (see Attachment 14, for the Quarterly Drill Schedules). This system links Vermont Yankee Nuclear Power Station with Vermont Emergency Management EOC, Vermont State Police HQ Dispatch (State Warning Point), the Vermont State Police Rockingham Public Safety Answering Point (PSAP) in Rockingham (Alternate State Warning Point), Vermont Incident Field Office in Dummerston, and similar stations in Massachusetts and New Hampshire. Additionally Vermont Yankee tests the system with all three states on a periodic basis. Yankee Rowe no longer uses the NAS telephone system but continues to do communication checks by commercial telephone. The two State Warning Points also initiate weekly communication checks with Yankee Rowe.
- (3) The National Alerting and Warning System (NAWAS) link between FEMA Headquarters and the Vermont State Warning Point was tested three (3) times a day throughout 2005.
- (4) Satellite telephones for field monitoring and sampling teams were tested on a periodic basis. Additionally these telephones were used in drills, exercises and actual events. For example, one satellite telephone was used by a group of ambulances deployed to Mississippi in response to Hurricane Katrina. Additional testing is being conducted to determine the cause(s) of infrequent inability to communicate.

B. Communication Drill Dates and Participating Organizations

- (1) Weekly Pager Tests
 - (a) Approximately 30 state and local personnel in the ten-mile Emergency Planning Zone (EPZ) were paged each week to confirm the viability of notification from the State Warning Point (SWP - Waterbury) and the Alternate State Warning Point (ASWP - Rockingham). The file containing the pager tests is available at Vermont Emergency Management in Waterbury.

- (b) Brattleboro Central Dispatch, Brattleboro Fire Department and Radio Station WTSA continue to rely on fixed radios with external antennas on an analog, voice paging system. The remainder of the EPZ pager carriers are on a digital, numeric system. Brattleboro Central Dispatch and Radio Station WTSA participate in both systems.
- (c) The SWP & ASWP staff conducted forty two weekly EPZ pager tests successfully. It should be noted that weekly EPZ tests are not conducted the week of a monthly notification drill (see Attachment 14, for the 2005 Quarterly Drill Schedules).

(2) Monthly Notification Drills

Monthly notification drills have two components: a General Emergency - Fast Breaker drill and a drill where all pager carriers are notified.

- (a) Once a month, a simulated message is sent to the State Warning Points (SWP) and the (ASWP). Procedures are followed to the point of a sufficient number of State and EPZ responders (approximately 20 persons) being paged to simulate activating sirens and an EAS message and to actually activate the Tone Alert Radios in the EPZ within 15 minutes of the message being confirmed.
- (b) Once a month, a simulated message is sent to the State Warning Points (SWP) and the (ASWP) and procedures are followed to the point of both State and EPZ responders (approximately 86 persons) being paged and contacting either the SWP or Alternate State Warning Point (ASWP) and listening to the recording of the simulated message from Vermont Yankee.
- (c) In the monthly drills the General Emergency - Fast Breaker component precedes the "all pager carrier" component with a short break in between.
- (d) A Request For Information (RFI) through the State Purchasing Department was issued in 2004 for an automated notification system. As a result of that RFI an improved voice mail system was purchased in 2005 as phase I and notification software will be purchased in 2006 as phase II. This should improve the notification capability significantly.
- (e) Overall the preparedness of the state and local responders continues to improve. The file of these notification drills is available at Vermont Emergency Management in Waterbury.

(3) **Fast-Breaker (FB) Drills**

- (a) In 2005, nine (9) monthly drills were conducted. In January the VY Combined Functional Drill was substituted for the monthly drill. In April the Dress Rehearsal Drill and in May the Plume Phase Exercise were substituted for the April and May drills respectively. The monthly drills are conducted on all shifts in order to give every dispatcher an opportunity to take part in the drill and to test readiness of the responders at different times and days of the week. The records for these drills are on file at Vermont Emergency Management.
- (b) In order to continue to maintain a high level of performance, training continues to be given to our established dispatchers. Simulator training sessions are conducted with new and substitute dispatchers. The more experienced dispatchers also participate in the simulator training sessions.

C. Medical Emergency Drills

Vermont Yankee conducted a non-evaluated Medical Emergency Drill with the Brattleboro Memorial Hospital on December 28, 2005. Rescue Inc observed the drill. VY will provide a report.

D. Radiological Monitoring (Plume EPZ) Drill

Vermont exceeded the requirement of conducting one annual radiological monitoring drill. Two Radiological Monitoring drills related to the plume EPZ were held (March 9 and May 25) in 2005 along with three training sessions. The drills and training sessions included the collection and analyses of at least four sample media, e.g., water, vegetation, soil and air. The final drill was conducted as a part of the evaluated Ingestion Pathway Exercise. Communications and record-keeping were demonstrated. The evaluated exercise is described in the FEMA Region I exercise report dated September 9, 2005. The States of Massachusetts, New Hampshire and Vermont all conducted drills at a farm in Hinsdale, NH, in the morning and participated in a joint drill with FRMAC personnel in the afternoon using FRMAC procedures and forms. Personnel from the Vermont Department of Health, the Vermont Agency of Natural Resources, the Vermont Agency of Agriculture, the Vermont Department of Public Safety and the Vermont Department of Labor participated.

- (1) Collection of samples was performed by sampling teams consisting of personnel from the Vermont Department of Health, the Vermont Agency of Natural Resources, the Vermont Agency of Agriculture and the Vermont Department of Labor.

- (2) Transportation of samples was arranged and demonstrated by the Vermont Hazardous Material team.
- (3) The analysis of samples was performed by the Vermont Department of Health Laboratory in Burlington.

E. Health Physics Drills

Vermont met the requirement of two Health Physics drills in 2005. Two Health Physics drills (plume tracking and dose assessment sessions) were held in 2005 in preparation for, or as part of, the Ingestion Pathway Exercise. They were held on March 9 and May 24, 2005. The evaluated exercise is described in the FEMA Region I exercise report dated September 9, 2005. A list of the Vermont participants is on file at the Vermont Emergency Management Office in Waterbury. The drills focused on simulated elevated air-borne samples and direct radiation measurements. The drills have two components: plume tracking and dose assessment.

(1) Plume Tracking Team

The Vermont Hazardous Materials Response Team conducted three health physics drills in 2005. These drills occurred on March 9, April 27, and May 24, 2005, as part of the Plume Phase evaluated exercise. The team conducted additional training (see Table 4). A list of participants is on file at the RERP office in Waterbury.

(2) Dose Assessment Team

The Vermont Dose Assessment team participated in five drills and one exercise on the dates below. They also conducted training as listed below. They participated in both the health physics drill and the radiological monitoring drills through simulation or actual communications from State EOC in Waterbury.

(a) Drills/Exercises:

- | | | |
|------|---------------------------|-----------------------|
| i. | Combined Functional Drill | January 12, 2005 |
| ii. | Dress Rehearsal Drill | March 9, 10, 11, 2005 |
| iii. | Practice Drill | April 27, 2005 |
| iv. | Evaluated Exercise | May 24, 25, 26, 2005 |
| v. | Remedial Drill | August 18, 2005 |
| vi. | VY Quarterly Drill | December 13, 2005 |

(b) Training:

- i. February 9, 2005

- ii. May 12, 2005
- iii. November 29, 2005

(3) Integration

- (a) In two of the drills (March 9 and May 24) the Plume Tracking Teams and the Dose Assessment Team communicated through the Teams Director at the Emergency Operation Facility (EOF). The Dose Assessment Team requested data from the Plume Tracking Team. Once received the Dose Assessment Team used the data in the Met Pac Modeling Program.
- (b) The licensee (Vermont Yankee) participated in two ways:
 - i. They provided trained and knowledgeable controller/coaches for the March 9 and May 24 drills.
 - ii. The Plume Tracking Teams Director was stationed at the Emergency Operations Facility (EOF) in close proximity to his counterparts from New Hampshire, Massachusetts, and Vermont Yankee in both drills. The four Directors coordinated tasks among the four groups of teams.

F. Vermont Yankee Quarterly Response Drills

In 2005, Vermont Emergency Management participated in several drills with Vermont Yankee. In addition to the drills in preparation for the evaluated exercise Vermont Emergency Management, state agencies, and the towns of Guilford and Vernon participated in a drill with Vermont Yankee on December 13, 2005.

G. Reception Center Training

On July 19, 2005, the current Department of Health Radiological Technical Advisor and three duty officer staff members along with three Reception Center staff attended a Reception Center training session at the Westminster Fire Department.

5. RADIOLOGICAL EMERGENCY RESPONSE TRAINING

A. Radiological Training

- (1) The Radiological Awareness courses taught in 2005 are described in Table 1.
- (2) The Emergency Worker Courses conducted for EPZ responders in 2005 are listed in Table 2.

B. Continuing Recruitment of Responders

Many of the responders are volunteers. In order to be functional when responding, these volunteers must be trained prior to the incident or exercise. There is currently a continuing recruitment effort underway by the Town of Westminster and by Vermont Emergency Management to maintain all of the needed positions in the Reception Center.

C. Local Plan Input

VEM staff members met frequently with local officials to review plans and procedures and make changes as needed. See Table 3 for a list of the meetings held in the EPZ.

D. Radiological Emergency Response Program (RERP) Training

- (1) The RERP EPZ Training Program is a successful collaborative partnership that embraces key stakeholders in the Emergency Planning Zone (EPZ): local Select Boards, fire departments and law enforcement agencies, local Emergency Management Directors (EMDs) and the local Emergency Operations Center (EOC) staffs who work with the RERP Training Coordinator to facilitate training in the Emergency Planning Zone (EPZ) communities.
- (2) The RERP EPZ Training Coordinator has conducted a detailed needs analysis which resulted in the creation of a multi-media training program that consists of both Primary and Annual Re-certification training delivered in modular format for responders in local communities and State agencies. See Table 1 for the description of the courses taught and for the training provided.

E. Training for the RERP Staff

- (1) Hazardous Materials Awareness Training was conducted in Waterbury on August 31, 2005.
- (2) Staff Interpersonal Communications Skills training was conducted on October 7, 2005, in Stowe, Vermont. RERP staff from both the Brattleboro and Waterbury offices attended.
- (3) Disaster LAN EOC computer management program training on November at the Waterbury EOC. RERP staff from both the Brattleboro and Waterbury offices attended.

- (4) Homeland Security Exercise Evaluation Program (HSEEP) training December 5 & 6, 2005, in Waterbury, VT. RERP staff from both the Brattleboro and Waterbury offices attended.
- (5) See Table 4 for additional training.

F. Emergency Action Level (EAL) Annual Review

Vermont Yankee conducted one EAL training session at the State EOC in Waterbury for State of Vermont EOC personnel on December 13, 2005. No EAL training was held in the EPZ in 2005. EAL training by Vermont Yankee is available upon request.

6. UPDATE OF PLANS AND LETTERS OF AGREEMENT

A. Plans and Procedures

The RERP plans and procedures were reviewed and revised as required during 2005. Table 5 lists all RERP plans and procedures and their most recent revision date. Many plans and procedures were revised in preparation for the plume phase and post plume (Ingestion Pathway) phase exercises. Electronic files of all of the plans and procedures were provided to FEMA Region I in April 2005.

B. Plans and Procedures: Publication and Distribution

All plans and procedures are published and distributed through VEM's document control program. FEMA has or will be sent copies of the new or revised plans and procedures as they are completed.

- (1) Documents such as the Notification Manual with sensitive information, codes, passwords, confidential numbers, etc., have been printed in two different editions. The standard edition does not include the sensitive information. Because documents sent routinely to some federal agencies may end up in libraries with public access, the copies sent to Federal reviewers will be the standard edition. Responders also get the standard edition. Only dispatch centers, duty officers, and the RERP office have the dispatch edition.
- (2) If there is a specific need for a short period to review the dispatch edition, it can be shown to FEMA personnel or sent to them with the proviso that it be safeguarded and properly destroyed when no longer needed.

C. Plan and Procedure Dates

It will be noted that some of the plans and implementing procedures listed in Table 5 do not have recent dates. This is because they were reviewed and no revision was required.

D. Letters of Agreement

- (1) The contract between radio station WTSA and the Department of Public Safety was renewed in 2003 and revised by the Vermont Legislature.
- (2) The contract between Vermont and New Hampshire concerning the calibration of Vermont instruments at the New Hampshire Calibration Laboratory was renewed in 2003 and is in effect until amended or replaced.
- (3) An MOU to provide mapping assistance with the Vermont Center for Geographic Information dated February 6, 2001, is still in effect.
- (4) An MOU to provide mapping assistance and emergency mapping assistance at the State EOC with Vermont Tax Mapping dated May 7, 2001, is still in effect.
- (5) An MOU concerning the Alert and Notification System (ANS) between Vermont Yankee Nuclear Power Station and the State of Vermont has been reviewed, revised and has been signed.

7. ALERT AND NOTIFICATION

A. Routine Siren Testing Program

New Siren System: Vermont Yankee completed its siren replacement program. The new sirens are state-of-the-art with battery back up and an automated system for reporting failure were tested successfully in November, 2005. The old sirens were being removed in December 2005 and will be all gone by early 2006.

- (1) Sirens in Brattleboro and Vernon were tested once a month during 2005, on the following schedule:
 - (a) Brattleboro on the first Saturday of each month at 12 noon.
 - (b) Vernon on the first Saturday of each month at 8:00 a.m.
- (2) In addition, annual full-cycle siren tests were conducted by Vermont Yankee using the new sirens as follows:

- (a) Brattleboro on November 5, 2005
- (b) Vernon on November 5, 2005
- (3) Type of tests are described above.
- (4) Dates of tests are given above.
- (5) Results of the siren tests are attached (see Attachment 15).

B. Operable Siren Analysis

- (1) Computation of siren operability is shown in the attached Efficiency Summary Table (see Attachment 15).
- (2) Calculation of siren operability percentage is as follows:

Monthly Operability Formula: days down divided by the days in the month multiplied by the number of siren sites.

Quarterly Operability Formula: days down divided by the days in the quarter multiplied by the number of siren sites.

Annual Operability Formula: days down divided by the days in the year, so far, multiplied by the number of siren sites.

- (3) All of the sirens in all three state's portions of the EPZ have been replaced.
- (4) The VY Siren replacement plan is in two phases. Phase 1 includes upgrading existing sirens with state of the art sirens. This does not require permission from the Nuclear Regulatory Commission. Phase 1 was completed in 2005. Phase 2 involves additional means of activating sirens and possibly additional sirens. This will require permission from the NRC.

C. Residential Tone-Alert Radio Maintenance

The maintenance program for residential National Oceanic and Atmospheric Administration (NOAA) tone-alert radios is ongoing and was conducted throughout 2005 (see below).

- (1) Vermont Yankee maintains a record of holders of NOAA tone-alert radios which has been sent to FEMA Region 1 office and is on file in the Waterbury RERP office.

- (2) Record-keeping was amended in 2005 and included recording the names of persons who declined the radios based on response to a September 2004 mailing.
- (3) Assistance is offered to holders of tone-alert radios through the information printed in the emergency public information calendar (see Attachment 5, pages 6 and 7).
- (4) NOAA tone-alert radios were tested weekly by the National Weather Service office in Albany, NY using the transmitter located on Ames Hill, in Marlboro, VT which covers the ten mile emergency planning zone. These tests are conducted every Wednesday in the late morning when there is no severe weather. The test is postponed until the next less active day in the event of severe weather. Often when the test is not done either on Wednesday or Thursday, at least one actual tone alert radio message has been issued for the severe weather. The test is monitored by Brattleboro Central Dispatch and the results sent to Vermont Emergency Management in Waterbury. This transmitter is used to warn the public of incidents and to direct them to listen to EAS radio stations for more detailed instructions.
- (5) Written guidance on the purpose, use, and maintenance of NOAA tone-alert radios is provided on pages 3 and 4 of the emergency public information calendar distributed annually (December, 2005) to all households (Attachment 5).
 - (a) Information on general use of the radios is provided in the calendar on pages 3 and 4 (Attachment 5).
 - (b) Information on weekly tests is provided on page 4 of the calendar (Attachment 5).
 - (c) Information on suggested placement to facilitate efficient use of the radios is provided inside the instruction booklet that is provided with the tone-radio.
 - (d) NOAA tone-alert radios and batteries are provided by Vermont Yankee to local emergency management offices. They are distributed to local residents by the local emergency management offices, fire stations, or town clerk offices. The 2005 calendar advises residents to contact their local emergency management offices if they need a radio, new battery, or additional information. The calendar also lists these information contact numbers (Attachment 5, page 13).
 - (e) Telephone numbers for local emergency management offices, which distribute the radios and batteries, as well as information about them, and a toll-free number for the Vermont Emergency Management Division Public Inquiry line are also listed on page 13 of the calendar.

- (6) On November 3, 2004, the NRC issued a Preliminary White Finding because of incomplete record-keeping of who had been issued a tone-alert radio and who had refused a tone-alert radio. To resolve this issue Vermont Yankee has improved the record-keeping about the distribution of the tone-alert radios.
 - (a) Notices were sent out to residents and meetings were held with all five (5) Vermont EPZ towns to up-date the Vermont Yankee maintained database.
 - (b) Additional tone-radios were distributed in 2005.
 - (c) More data has been obtained in 2005 and entered into the database maintained by Vermont Yankee.
- (7) Additionally concerns as to the reliability of the signal from the Ames Hill transmitter surfaced:
 - (a) The need for better transmitter monitoring was discovered in June 2004.
 - (b) Intermittent reception of the alert signal from the Ames Hill transmitter by the newer digital tone-alert radios being distributed by VY.
- (8) Both issues (data base problems and the transmitter issues) were rectified by Vermont Yankee in cooperation with the National Weather Service and their contractor Crystal Clear Communications in early 2005.

D. Testing of Special Alerting Systems

Systems were tested through formal drills and day to day use of the systems. The New Hampshire Department of Environmental Management and the Division of Fisheries, Wildlife, and Environmental Law Enforcement use the same vehicles, boats, and equipment in day to day patrols of the Connecticut River and state forests that would be used in an emergency. The State boundary between Vermont and New Hampshire is the highwater mark on the Vermont side of the Connecticut River. The Vermont Department of Fish and Wildlife also would use the same vehicles, boats, and equipment in day to day patrols of rivers, lakes, and state forests in Vermont that would be used in an emergency. Because there are few shoreline roads on the Vermont side of the Connecticut River the Vermont Department of Fish and Wildlife would also launch one or more boats on the river to alert persons on the shore in Vermont. Similarly, local fire and police personnel would use the same vehicles and equipment for special alerting areas that are used in day patrols and in response.

- (1) Except for wilderness and marine areas noted above, mobile route-alerting and notification is not a primary method of alert and notification in the Vermont Yankee EPZ. Vehicle route-alerting is an alternate means of alerting the public in each EPZ Town and all five (5) towns were tested in the 2005 Plume Phase Exercise on May 24, 2005. Four of the towns (Brattleboro, Dummerston, Guilford and Vernon) performed satisfactorily. Halifax exceeded the forty-five minute time limit. The Town divided that route into two and re-demonstrated both new routes satisfactorily on July 26, 2005.
- (2) Aircraft route-alerting and notification is not a method of alert and notification in the Vermont Yankee EPZ.
- (3) Institutional alerting mechanisms in schools, hospitals, etc., are the same communications systems that are used in day-to-day operations, and include word of mouth, public address systems, and interoffice telephones.
- (4) Automatic dialers/switching equipment are not used for alert and notification in the Vermont Yankee EPZ. TTYs are available for any person who is profoundly deaf and requires special notification via this method; however, there are currently no residents in the EPZ who have requested this assistance. TTYs for special alert and notification are mentioned in the Emergency Public Information calendar (see Attachment 5, pages 3 and 13), to inform new residents or any person who develops this need. Special tone-alert radios for the deaf or hard-of-hearing are also available for distribution.
- (5) Modulated power lines are not used for alert and notification in the Vermont Yankee EPZ.

E. Special Alerting Systems Maintenance

- (1) The special alerting systems are NOAA tone-alert radios; information is included in Section 7.C. above.
- (2) The items in Review Guide Revision 9, Section 7.E. (1) through (4) are not applicable.

F. Aircraft and/or Mobile Route-Alerting and Notification

Not applicable. Aircraft and mobile route-alerting and notification are not used in the Vermont Yankee EPZ.

G. Siren Sound Pressure Level

Residents and businesses in areas beyond siren coverage have been issued NOAA tone-alert radios. The population has not increased in EPZ areas located beyond siren coverage.

H. Areas not Covered by Sirens

There has been no significant population increase in EPZ areas located beyond siren coverage. Residents and businesses in areas beyond siren coverage have been issued NOAA tone-alert radios.

I. State Warning Point (SWP) Responder Notification

Request for Information (RFI) for Automated Notification

The efforts to modernize alert and notification at a state and local level continued. After reviewing many responses to the Request For Information (RFI) issued in 2004, it was determined that the Department of Public Safety telephone system platform (Meridian Mail) needed to be upgraded to provide an adequate basis for additional improvements in the notification system. Two demonstrations were conducted on February 18, and April 12, 2005, by TDS Telecom and Nortel, Inc. As a result of these demonstrations an order was placed in early June, 2005, for the Call Pilot Voice Mail platform. This not only provided additional features needed for the notification system but also provided an additional T-1 slot. This slot will allow for 23 additional telephone lines to be used in an emergency.

J. Additional Notification Systems

Vermont Yankee contacted two vendors in 2005, (Community Alert Network, CAN) and Code Red) for its Rapid Emergency Notification Telephone System (RENTS) and had demonstrations presented to the three states separately by the vendors. Code Red was chosen as the vendor. The Community Alert Network system for the Town of Guilford will be phased out as the Code Red system comes on line for the entire EPZ in 2006.

LIST OF TABLES

Table No.

1. RERP EPZ Training Program Description
2. EPZ Training Schedule
3. EPZ Meetings
4. Other Staff Training (including ICS), Meetings, and Drills
5. Plans and Implementing Procedures

LIST OF ATTACHMENTS

Attachment No.

1. Letter Dated September 15, 2005
2. Letter Dated November 18, 2005
3. Letter Dated December 6, 2005
4. Mailrite Documents
5. 2005 and 2006 Vermont Yankee Calendar for Vermont EPZ
6. 2005 and 2006 Poster "For Your Information"
7. 2005 and 2006 Brochure "Vermont Emergency Public Information"
8. Vermont Yankee Press Media Kit
9. 1 > 2, Know What To Do Campaign sample
10. Quarterly Checklist (Sample from one facility)
11. RERP Emergency Worker Equipment Allocation
12. Instrument Calibration Documentation List
13. EPZ Awards Tracking List
14. Schedule of 2005 Weekly and Monthly Notification Drills
15. Siren Testing Documentation