U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-354/86-09

Docket No. 50-354

License No. CPPR-120 Priority -- Category C

Licensee: Public Service Electric & Gas Co.
P.O. Box 236
Hancocks Bridge, New Jersey

Facility Name: Hope Creek Generating Station

Inspection At: Hancocks Bridge, New Jersey

Inspection Conducted: August 12-16, 1986

Inspectors: David J. Vito 4/2/86
D. J. Vito, Senior EP Specialist date

C. G. Amato, EP Specialist

C. Z. Gordon, EP Specialist

J. J. Hawxhurst, EP Specialist

Approved by: D J Vito for 4/2/86
T. L. Harpster, Chief, Emergency Preparedness Section date

Inspection Summary: Inspection on February 3-6, 1986 and followup meeting on February 19, 1986 (Inspection Report No. 50-354/85-40)

Areas Inspected: This inspection was followup of open areas identified during the Emergency Preparedness Implementation Appraisal (EPIA) of August 12-16, 1985. The inspection was performed by four region-based inspectors.

Results: The inspectors found that all of the items identified during the EPIA had been resolved with two exceptions. The Emergency Preparedness training program had not been completed in that several emergency response organization positions did not have a sufficient number of personnel trained in the Hope Creek EP program to provide a 24-hour staffing capability in the event of an emergency. The applicant has committed to complete the training of the key emergency response organization positions (a primary and two alternates) prior to fuel load. The applicant has also committed to provide trained staff for 24 hour coverage prior to exceeding 5% power operation for all other emergency response positions.

The other item which remains open is the completion of installation and testing of the final Radiation Monitoring System.

DETAILS

1. Persons Contacted

*,#C. Adams, Planning Engineer
*,#K. Anderson, Principal Engineer - Preparedness (Training)
J. Bavlish, Nuclear Security
D. Burgin, Associate Engineer, Emergency Planning
*,#R. Campanella, Hope Creek Licensing
J. Clancy, Senior Health Physicist
* R. Donges, Hope Creek Quality Assurance
G. Garlick, Radiation Protection Technician
J. Hedge, Shift Radiation Protection Technician
M. Ivanick, Nuclear Security Coordinator
E. Karpe, Radiation Protection Lead Engineer
* J. R. Lovell, Radiation Protection/Chemistry Manager
*,#D. McCloskey, Emergency Preparedness Manager
A. Moudgill, Construction Engineer
#B. Preston, Hope Creek Licensing Manager
R. Reece, Shift Radiation Protection Technician
* J. Schaeffer, EP Facilities and Equipment Manager
S. Spiese, Shift Radiation Protection Technician
J. Trambley, Shift Radiation Protection Technician
*,#W. Weckstein, Nuclear Training Center EP Training Supervisor
R. Yewdall, Staff Engineer (Corporate)

U.S. Nuclear Regulatory Commission

* R. Borchardt, Senior Resident Inspector
* D. Allsopp, Resident Inspector
J. Lyash, Reactor Engineer
#D. Perrotti, NRC HQ:IE, Hope Creek Emergency Plan Reviewer

*Denotes those present at exit meeting on February 6, 1986
#Denotes those present at followup meeting on February 19, 1986.

2.0 Followup of the Findings of the Emergency Preparedness Implementation Appraisal

During the period of August 12-16, 1985, NRC Region I conducted an appraisal of the state of emergency preparedness for the Hope Creek Generating Station. Specific details are contained in NRC Region I Inspection Report 50-354/85-40. The objectives of the appraisal were to evaluate the overall adequacy and effectiveness of emergency preparedness and to identify areas of weakness. The findings of the appraisal were used as a basis for findings against the provisions of 10 CFR 50.47(a)(2) and for requesting actions by the applicant to correct deficiencies and effect improvements.

The appraisal of the state of onsite emergency preparedness at the Hope Creek Generating Station involved six general areas:

Administration of the Emergency Preparedness Program Development;

Emergency Organization;

Emergency Training;

Emergency Facilities and Equipment;

Procedures Which Implement the Emergency Plan; and

Coordination with Offsite Agencies.

The findings of this emergency preparedness appraisal at the Hope Creek Generating Station indicated that the framework for the EP program (administration and organizational setup, training, procedures, facility locations) was established and appeared to be adequate. However, several critical program areas were found to be incomplete (organization, communications, training and facilities). Therefore, the NRC appraisal team was unable, at that time, to make a determination as to the adequacy of the program. Specific areas of concern were identified as open items.

The purpose of this inspection (50-354/86-09) was to review the applicant's progress in completing the implementation of the Emergency Preparedness program at Hope Creek and resolving the other problems identified during the appraisal. The findings are discussed below.

(Closed) 50-354/85-40-01: Describe the authorities and responsibilities of the Emergency Preparedness Manager and the remainder of the Emergency Planning and Preparedness Group.

A review of Section 17, Revision 9 of the Hope Creek Emergency Plan revealed that the plan has been revised to provide a description of the authorities and responsibilities of the various groups and positions within the Emergency Planning Department. The descriptions completely and accurately describe these duties.

This item is closed.

(Closed) 50-354/85-40-02: Emergency response training of corporate personnel.

The inspector found that corporate officers and staff located at PSE&G Headquarters (Newark, N.J.) with one exception, are not assigned emergency response organization functions. The exception is a small number of Public Information staff located in Newark. These individuals augment Public Information staff members located at the Salem/Artifical

Island complex. Training for these individuals includes Emergency Plan Overview (XLP-204-001-00) and EOF Activation Operation (HFO 204-001-00). Based on these findings, this item is closed.

(Closed) 50-354/85-40-03: A visitor's guide similar to the one used at the Salem Generating Station for providing site specific information to visitors and other personnel requiring escort was unavailable for Hope Creek.

A Casual Visitor's Guide has been prepared and is being distributed at the main entrance of the Artificial Island site. The guide provides information on visitor control, vehicle control, fire alarms, radiation alert alarms, building evacuation alarms, and a site map. Review of the brochure indicates that it provides adequate guidelines to visitors for site access, orientation, and instructions for temporary personnel to follow in the event of an emergency.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-04: Some Emergency Preparedness training program lesson plans were inadequate or incomplete.

Table 16-2, Revision 9, of the Hope Creek Emergency Plan "Emergency Response Training Modules, Course Content," lists nine (9) essential modules. Each module consists of more than one classroom training activity plus associated practical instruction. Due to consolidation of lesson plans and elimination of redundant material among lesson plans, essential material has been retained and will be taught to each Hope Creek staff member assigned to one or more of the sixty-one emergency response organization positions. Following review of the lesson plans, the inspector concluded that the requirements of 10 CFR 50.47(b)(15) and Planning Standard O of NUREG-0654 and the general policy statements of Sections 16.2 and 16.2.1 of the FSAR are met.

Based on these findings, this item is closed.

(Open) 50-354/85-40-05: Emergency Preparedness Training for the Hope Creek Staff was incomplete.

During the 12-16 August 1985 appraisal, it was determined only 17% of the 350 person Hope Creek staff had been fully trained in the Emergency Preparedness program. It was further determined that no senior manager holding a key emergency response organization position had been fully trained. At that time, applicant indicated the Hope Creek staff requiring Emergency Preparedness Training would be trained by the end of 1985.

During this inspection, it was determined that:

- 150 Hope Creek personnel had been fully qualified;
- no senior manager had been fully qualified;

- no qualified individuals were available to fill ten of the emergency response organization positions. These ten positions include the Emergency Response Manager (EOF director), Emergency Duty Officer (TSC director) and those responsible for directing dose assessment in the TSC and EOF.

- the training records system was in a transitional phase and was not particularly reliable

The inspectors concluded that the requirements of 10 CFR 50 Appendix E, Section F had not been met and that a schedule must be developed for full implementation of the EP training program. A meeting was held subsequent to the team inspection on February 19, 1986 at the Hope Creek Generating Station to discuss the applicant's schedule for completing the training for key emergency response organization managers and for providing 24-hour staffing capability in all other emergency response positions. The applicant has committed (in a letter of February 21, 1986 to NRC/NRR) to provide a fully trained primary designate and two alternates for each of the key emergency response positions by fuel load and to provide the capability to staff all emergency response organization positions continuously prior to exceeding 5% of full power operation. The applicant has also committed to informing NRC Region I monthly of progress toward the completion of training.

This item remains open pending completion of the applicant's commitments to attain 24-hour emergency response organization staffing capability prior to exceeding 5% of full power.

(Closed) 50-354/85-40-06: Training program transfer.

The Emergency Preparedness training program has been transferred both administratively and functionally to the PSE&G Nuclear Training Center (NTC) effective January 1, 1986. During the August 1985 appraisal, the inspectors expressed a concern for maintaining the continuity and effectiveness of the EP training program during the transfer due to a large turnover (elimination of many contract instructors) planned for the transfer.

The NTC staff now consists of two full-time trainners. One is a fully qualified trainer and has been an NTC staff member for a number of years engaged in Health Physics training. He lacks training and experience in emergency preparedness and reactor design and operation. The other individual was transferred from the Emergency Preparedness group and is undergoing trainer qualification training. Both report to the Senior Radiation Protection Supervisor. The individuals are assigned to Nuclear Services, Training Center.

The Emergency Preparedness Department will continue to support NTC by providing support services including two or three trainers. This arrangement is essential to allow training in Event and Emergency Classification, Core Damage and Recovery to be satisfactorily given by experienced individuals. The NTC may pursue a policy of developing on staff capability in these areas or adding to staff. Members of the Emergency Preparedness Department staff will prepare scenerios and conduct team, facility and site training drills.

The inspectors concluded that the present arrangement and staffing is satisfactory provided the applicant commits the resources to qualify current staff or add staff.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-07: Development of instructor qualification criteria.

The PSE&G Nuclear Training Center policy is to have "trained and qualified trainers with appropriate documentation to support qualification."

The qualifications of the NTC Supervisor of Emergency Preparedness Training are documented and the other full time staff member is undergoing qualification training.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-08: Completion of Control Room Facilities

The telecommunications system and telecopiers are installed and operational. This equipment was installed for the October 29, 1985 exercise at Hope Creek and functioned quite well. The installation of the ENS system has been delayed and will not be available for months. This is beyond the control of the applicant. Two wire ringdown circuits will be installed in the control room as a temporary alternative. The NRC/HQ Telecommunications Branch is tracking this area.

The Control Room Instrument Display System (CRIDS) with SPDS is installed and operational. The exposure history computer system (PREMS) is installed and ready for operation. The personal computer dose assessment setup (straight line Gaussian calculation) is installed and operational. The "interim" Radiation Monitoring System (RMS) monitors which have been agreed upon for fuel load are installed and operational. Up to date copies of the Emergency Operating Procedures, Event Classification Guide, and Emergency Plan are readily available.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-09: Completion of Technical Support Center (TSC) facilities

The telecommunications system and telecopiers are installed and operational and were proven functional during the October 29, 1985 exercise. The ENS line has yet to be installed as noted in the discussion of 50-354/85-40-08. The existing MIDAS dose assessment system is installed and is adequate for facility considerations. The CRIDS (with SPDS) and PREMS computer systems are installed and operational. The permanent antenna has been installed for the TSC radio communications system and a demonstration exhibited good transmission clarity. The status boards are complete and adequate.

The only area which is yet to be completed in the TSC is the ventilation system. The holdup is the final installation and testing of the TSC portion of the chilled water system which provides room cooling for the TSC and Control Room. At the time of this inspection, preoperational testing of the chilled water system control valves was in progress and was scheduled for completion within the next few weeks.

After discussions with the Senior Resident Inspector (SRI) at Hope Creek, it was decided that this item would be administratively closed and that the completion of the chilled water system would be followed by the SRI as a fuel load item.

(Closed) 50-354/85-40-10. Control of TSC documents.

Provisions have been established whereby the Hope Creek Technical Department (Technical Document Room) will provide and maintain copies of the Hope Creek Administrative Procedures, Hope Creek Technical Specifications, and Hope Creek Piping and Instrument Diagrams in the Hope Creek Control Room, Operations Support Center, and Technical Support Center.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-11

- Provide all logistical arrangements for the OSC as described in the Emergency Plan and Emergency Plan Procedures (EPPs) including furniture, communication equipment, radiation protection equipment, and any additional supplies necessary for emergency use.

- Describe the facility and identify the specific location for the alternate OSC and revise the Emergency Plan and EPP's accordingly.

- Complete installation, testing, and callout procedures used in operation of the primary and backup OSC communication system.

The inspectors observed the layout of the OSC and determined that logistical arrangements necessary to carry out the OSC function were available as described by Section 9 of the Emergency Plan. Procedure EP I-18, Attachment 3 has been revised to designate the TSC and shift supervisor's office as the locations for the alternate facility. The telecommunications systems used at the site have been installed and functional since the annual exercise held October 29, 1985. Dedicated lines are available in the OSC for use by the OSC coordinator and OSC staff. Procedure EP II-4 "Emergency Response Support Callout" has been revised to include the telephone numbers of key OSC support personnel.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-12: Ensure that contents of all emergency lockers are as described in the Emergency Plan and EPPs. Inventories should be consistent with the description of equipment and supplies outlined in Tables 9-1 through 9-6 of the Emergency Plan. These inventories should be performed at specified frequencies and documented.

Store environmental monitoring equipment in vehicles designated for near site surveys.

The inspectors reviewed inventory lists of emergency equipment maintained by the Radiation Protection Department, observed equipment and supplies of lockers at the TSC Main Control Point and in emergency vehicles and inventoried the entire complement of emergency supplies maintained in the OSC. Lockers were found to be complete and set up for emergency use with the exception of respiratory equipment (the Hope Creek respiratory protection program is currently under review by the NRC Region I health physics staff). Procedure EP VI-8 "Conducting an Inventory of Emergency Equipment" specifies the type and amount of each piece of equipment stored in lockers in preparation for periodic inventory. Vehicles have been designated for near site (perimeter) surveys but for security reasons the kit with emergency equipment is now maintained in the plant. The onsite survey teams transport the kit to the vehicle when needed.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-13: Complete installation and testing of the primary and backup telecommunication systems and formal incorporation into the Emergency Plan and EPP's of a description of all details of the emergency telecommunications systems.

The inspectors reviewed Section 7.0 "Emergency Communications", Rev. 5, Section 9.0 "Emergency Facilities and Equipment" Rev. 8 of the Emergency Plan, held discussions with representatives from the PSE&G corporate office, conducted random testing of the three communications systems used at Hope Creek, and determined that telephone links as described in the Emergency Plan are installed and operational. The systems were also demonstrated and judged adequate during the emergency exercise held at Hope Creek on October 29, 1985.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-14: Ensure operation of all emergency related alarm devices including radiation, fire, audio, visual, evacuation, etc.

The inspectors noted that installation of all emergency related alarm devices was not complete and not available for testing. The applicant stated that these alarms were expected to be operational prior to fuel load.

This item will be administratively closed as the NRC Senior Resident Inspector is tracking the installation and testing of station alarms as a fuel load item.

Verification of the installation, testing, and operation of the alarms associated with the radiation monitors which are part of the graded installation of RMS will be tracked through Open Item 50-354/85-40-24.

(Closed) 50-354/85-40-15: Assess the accountability system after the site access facility has been installed.

The Artificial Island (for both Salem and Hope Creek) security access facility has been installed and is now operational as the main access point for the Salem Generating Station. Although available for activation, the security access system for Hope Creek had not been formally activated at the time of this inspection to facilitate the access for construction personnel until the more restrictive security system is necessary.

The applicant performed an accountability drill on Wednesday, February 5, 1986 to demonstrate the ability to perform personnel accountability of Hope Creek personnel from the new site access facility. Approximately 100 people were accounted for in about 15 minutes. The security personnel involved in the drill were knowledgeable and efficient. Their experience with the Salem security system should allow a smooth turnover when the Hope Creek portion of the system is fully activated.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-16: The first aid facility had not been established.

The inspectors reviewed Procedure M10-FRH-I-004, Rev. 0, "Emergency Medical Response of the Fire and Medical Emergency Response Manual, toured the onsite fire station/ambulance building, inspected the medical facility located in the amdinistration building, interviewed applicant personnel, and determined that provisions are in place and adequate to provide emergency medical service to station personnel. The onsite ambulance has been approved by New Jersey to transport seriously injured personnel to Salem Memorial Hospital. Although an inplant first aid

facility was planned, the firefighting (EMT qualified) first aid staff are available for Hope Creek and Salem on a 24-hour per day basis thus eliminating the need for another permanent facility.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-17: The decontamination facility on site had not been provided with procedures and decontamination supplies.

The inspectors observed the personnel decontamination station located adjacent to the health physics control point, inspected kits containing decontamination supplies, reviewed decontamination procedures maintained in the OSC and determined that the procedures and supplies are adequate for use during emergencies.

Based on these findings, this item is closed.

(Closed) 50-354/85-40-18: The meteorological monitoring program's current calibration (monthly and quarterly) procedure did not include the entire system. The primary and back-up data acquisition system (DAS) and back-up tower instrumentation should be included in the periodic calibrations. In addition, the CRIDS and RMS meteorological data display should also be verified during calibrations.

The licensee has stated that the responsible group, Radiation Protection Services has a contractor who will perform a calibration on the complete system. The Artificial Island Environmental Meteorological Monitoring Procedures are being revised to include the other system.

This item is closed.

(Closed) 50-384/85-40-19: The meteorological monitoring system must provide representative meteorological conditions in the vicinity (up to about 10 miles) of the plant site.

In lieu of providing additional equipment and or site specific meteorological characterization procedures, the licensee has stated that a knowledgeable meteorologist will be available to decision makers at the EOF. The inspector reviewed Purchase Order B1-125269 to verify that the contract with Meteorological Evaluation Services, Amityville, NY is in place and that the appropriate functions are being provided. This item is closed.

(Closed) 50-384/85-40-20: Provide continuous meteorological parameters to the Control Room (HCNGS) prior to fuel load.

The licensee currently provides real time meteorological data to the control room. A CRT display provides the latest 15 minute average meteorological parameters from both the primary and backup system. This system is only temporary. The licensee plans to provide meteorological data to the CRIDS computer after installation of the RMS Vax system.

This item is closed.

(Closed) 50-354/85-40-21: Completion of final Emergency Plan Procedure changes and revisions.

The inspectors reviewed the Hope Creek Emergency Plan procedures to determine if changes which were pending or not yet developed by the end of the August 1985 appraisal had been implemented. The inspectors found that all of the procedures changes, with a few minor exceptions which have been discussed with the applicant, have been made accordingly and approved. This item is closed.

(Closed) 50-354/85-40-22: Change EAL Initiating Conditions 7B and 7C to consider event declaration when most or all control room annunciators are lost.

The inspector reviewed Revision 5 of Hope Creek Emergency Plan Section 5 and Revision 1 of Hope Creek Event Classification Guide Section 7 and verified that these EAL Initiating Conditions have been appropriately changed. This item is closed.

(Closed) 50-354/85-40-23: Implement EOP/EAL interface.

The inspector reviewed the latest revisions of the Emergency Operating Procedures (EOPs) and the Event Classification Guide (ECG) and verified that procedural steps have been appropriately placed to effect direction into the ECG from the EOPs. This item is closed.

(Open) 50-354/85-40-24: Completion of the RMS System.

The installation and testing of the "interim" RMS instrumentation which was to be installed prior to fuel load has been completed. The applicant has also made provisions for manually transferring the data from the installed monitors to the dose assessment system for use in an emergency situation. As such, the portion of the RMS system which is necessary for fuel load is acceptable.

The implementation of the complete RMS system will however remain in a transitional state during the initial escalation to the 100% full power level. As progressive portions of the system are installed, the hardware must be tested, procedures and other documentation must be updated, and staff must be trained in their use. This item will remain open pending installation and testing of the final RMS system and implementation of associated documentation updates and staff training.

(Closed) 50-354/85-40-25: Ensure that all letters of agreement are current, reviewed, and updated on an annual basis.

The inspectors reviewed letters of agreement contained in Attachment 2-1 of the Emergency Plan and determined that they are appropriately signed and are current based upon a biennial update. Applicant representatives stated that most letters would be reevaluated during 1986.

This item is closed.

(Closed) 50-354/85-40-26: Complete Training of offsite agency personnel.

A review of PSE&G records indicates the utility had offered training opportunities on a regular basis to offsite agency personnel including participation in onsite EP training, simulator training and the Event Classification Guide. A list of training opportunities provided by non-Public Service entities was also provided to the offsite agencies on a regular basis.

Based on these findings the inspectors concluded that PSE&G has met its offsite training obligation. The utility can only offer but not compel training of state and local agencies.

This item is closed.

(Closed) (50-354/85-40-27): Ensure that controlled copies of the Emergency Plan, Emergency Plan Procedures, and other emergency planning documentation are maintained by offsite authorities and emergency response support groups.

The inspectors reviewed Procedure EP VI-4, "Distribution of Emergency Plan/Procedures/ECG and Verification" held discussions with applicant representatives, and determined that adequate provisions exist to ensure that controlled copies are received by each individual on the distribution list. In addition, the Hope Creek administrative organization uses a Document Distribution Group to transmit and verify distribution and receipt of all controlled site documentation. This item is closed.

(Closed) 50-354/80-45-28: Section 9 of the Emergency Plan required revision with respect to placing emergency planning information in utility bill mailings.

The inspectors reviewed the applicant's program for providing emergency planning information to the public, held discussions with applicant representatives, and determined that adequate means are available to ensure dissemination of public information. This is accomplished via a public information/site map brochure, newspaper advertisements in local and the Artificial Island newspapers, radio stations, telephone book inserts, instructional stickers distributed to the State for placement in local stores, and specially designed road signs for transient populations. This item is closed.

(Closed) 50-354/85-40-29: Update and distribute the emergency information map/brochure and the new special needs questionnaire to residents in the 10-mile EPZ.

The inspectors reviewed the special needs questionnaire developed by the applicant for New Jersey and Delaware residents, reviewed the Nuclear Emergency Information brochure (revised October 1985), inspected distribution records of individuals scheduled to receive the questionnaire and brochure, and determined that useful information and emergency instructions are contained in both documents and that offsite distribution has been completed. This item is closed.

(Closed) 50-354/85-40-30: Ensure distribution of emergency information via telephone book inserts.

The inspectors held discussions with applicant representatives and reviewed the contract agreement with New Jersey Bell for purchasing advertising space in the Salem County, Cumberland County, and Wilmington telephone directories. Although publishing and distribution of the directories is not expected to be completed until April, 1986, the arrangements made by the applicant are adequate to ensure distribution of emergency information via telephone book inserts. This item is closed.

3.0 Followup of Deficiencies Noted During the October 29, 1985 Exercise and Review of Applicant Responses to IE Bulletins

(Closed) 50-354/85-53-06: Emergency radio locations were incorrect during the October 29, 1985 exercise at Hope Creek

The inspectors reviewed emergency procedure EP-I-18, Rev. 2, "Operations Support Center (OSC) Activation and Operation" and determined that the procedure has been revised to provide for operations department radios for use by plant entry teams to be stored in the Shift Supervisor's Office and that the radios are appropriately located.

This item is closed.

(Closed) 50-354/85-53-07: Radio communications from the TSC during the October 29, 1985 exercise were very poor.

With the installation of the telecommunications system at Hope Creek, a permanent radio antenna has replaced the temporary one which was used during the exercise. An operational test of the TSC radio with the new antenna system demonstrated excellent clarity. This item is closed.

(Closed) 50-354/85-53-09: Poor Emergency Operating Facility access control during the October 29, 1985 exercise.

The inspectors noted during the Salem Generating Station emergency exercise on December 4, 1985 that access control of the EOF was established appropriately and in a timely manner and was maintained throughout the exercise. Since both Salem and Hope Creek use the same EOF, this item is closed.

(Closed) 50-354/85-53-12: Some press releases were poorly written during the October 29, 1985 exercise.

This problem was noted during the Hope Creek exercise and was repeated during the Salem exercise on December 4, 1985. The concerns with a statement in the press releases that PSE&G "is making" protective action recommendations (PARs). The utility may suggest and discuss PARs with the state and local governments but have no power to implement them. NRC Region I and both the PSE&G Emergency Preparedness and Public Information Departments have discussed this and have agreed that a statement may be made that the utility is "discussing" PARs with the states. PSE&G feels that it is necessary to make a statement that they are providing input in this area. A memorandum was written from D. McCloskey, PSE&G Emergency Preparedness Manager to S. Bravar, PSE&G Public Information Manager on January 16, 1986 documenting this agreement.

This item is closed.

The other open items identified during the October 29, 1985 Hope Creek exercise are exercise performance concerns and can only be closed by demonstration during the annual drill. These areas will be observed during the next observed exercise at Hope Creek. There should be no startup or license milestone associated with these items.

(Closed) 50-354/79-BU-18: IE Bulletin 79-18: Audibility problems Encountered on Evacuation of Personnel from High Noise Areas.

This area has been reviewed by the applicant and does not appear to be a problem at the Hope Creek site. This item is closed.

(Closed) 50-354/80-BU-15: IE Bulletin 80-15, Possible Loss of Emergency Notification System (ENS) with Loss of Offsite Power.

The inspectors reviewed the response dated March 17, 1981 from M. E. Morris, Bechtel Power Corporation to W. J. O'Donnel, PSE&G regarding arrangements for backup power sources, held discussions with applicant personnel, inspected the three independent communications systems in place at Hope Creek, and determined that the actions described in IE Bullletin 80-15 have been adequately taken by the applicant. This item is closed.

4.0 TMI Action Plan Items II.A.1.2 and III.A.2

The inspectors were asked to comment on the status of the applicant's fulfillment of the requirements of TMI Action Plan Items III.A.1.2, Upgrade Emergency Support Facilities and III.A.2, Improving Licensee Emergency Preparedness - Long Term. The inspectors commented that the results of this inspection have indicated that the Hope Creek Emergency Preparedness program and its associated facilities are adequate. However, the inspectors also commented that the NRC review of Item III.A.2 was to be formally accomplished through an Emergency Response Facility (ERF) Appraisal. Such an appraisal has not been scheduled.

5.0 Inspection Summary

The inspectors concluded that with the exception of the incompletion of the training program, the Hope Creek Emergency Plan, program, and facilities will provide adequate assurance that the health and safety of the public will be protected in the event of an emergency at the Hope Creek Generating Station. The applicant has acknowledged the need to expedite the training program to provide adequate staffing for the emergency response organization for fuel load and beyond. The applicant's commitments to complete the training program are included in a letter of February 21, 1986 from C. McNeill, PSE&G, VP-Nuclear to E. Adensam (NRC/ONRR).

6.0 Exit Meeting

A meeting was held on February 6, 1985 to discuss the findings of the inspection as denoted in this inspection report. At no time during the inspection was written material provided to the applicant by the inspectors.