



REVIEW AND EVALUATION OF STATE AND LOCAL PLANS BY FEMA
Federal Emergency Management Agency

Washington, D.C. 20472

30 JUL 1982

MEMORANDUM FOR: Brian Grimes
 Director
 Division of Emergency Preparedness
 U.S. Nuclear Regulatory Commission

FROM: *Ray D. Thurn*
 Richard M. Krimm *for*
 Assistant Associate Director
 Office of Natural and Technological Hazards

SUBJECT: Interim Finding on Offsite Emergency Preparedness
 at St. Lucie Power Station, Florida

The purpose of this memorandum is to transmit the Federal Emergency Management Agency (FEMA) Interim Finding on the St. Lucie Power Station, Florida. This finding is based on "draft plans" submitted by the State of Florida and an exercise of these plans held during the period February 10-12, 1982. The following material is attached:

1. Memo entitled "Florida (Plant St. Lucie) Interim Finding Report" from Regional Director, FEMA Region IV to the Associate Director for State and Local Programs and Support, dated July 6, 1982.
2. Letter from RAC IV Chairman to Director, Florida Division of Public Safety Planning and Assistance dated February 25, 1982, listing deficiencies noted at the February 10-12, 1982, exercise.
3. Letter from Director, Florida Division of Public Safety Planning and Assistance to the RAC IV Chairman, dated May 25, 1982, responding to the deficiencies identified during the 1982 exercises at St. Lucie, Turkey Point and Crystal River nuclear power plants.

The FEMA Interim Finding, as stated by the Regional Director, FEMA Region IV, states that "while plan and plan execution improvements are needed, we consider the State of Florida and the involved counties to be capable of implementing their planned responses to an offsite release of radioactive material at the St. Lucie Power Station."

The State of Florida has recently contracted with a firm to revise the State and site specific plans to include SOP's and a draft will be submitted to FEMA Region IV by December 1, 1982. The RAC Review and Comments will be furnished Florida by February 15, 1983. The plan should be officially submitted by the Governor no later than March 31, 1983. Therefore, the schedule in Attachment 3 is void and the anticipated revised plan submittal date to FEMA Region IV is November, 1982, versus October, 1982, as stated in Attachment 1.

Although the "Alert and Notification" system is in place, the adequacy of the system must be verified in accordance with NUREG 0654/FEMA REP-1.

If I can be of any further assistance on this matter, please contact me or Vern Adler at 287-0200.

Attachments
as stated



Federal Emergency Management Agency

Region IV 1375 Peachtree Street, NE Atlanta, Georgia 30309

July 6, 1982

MEMORANDUM FOR: LEE M. THOMAS, ASSOCIATE DIRECTOR
STATE AND LOCAL PROGRAMS AND SUPPORT

FROM: *Major P. May*
Major P. May
Regional Director

SUBJECT: Florida (Plant St. Lucie)
Interim Finding Report

The enclosed report is submitted for your review as requested. No corrections have been made to noted deficiencies and none is anticipated until October 1982.

While plan and plan execution improvements are needed, we consider the State of Florida and the involved counties to be capable of implementing their planned responses to an off-site release of radioactive material at the St. Lucie Power Station.

Enclosure

I. INTRODUCTION

The following Plant St. Lucie site-specific preliminary evaluation report is provided for FEMA National Office review. The 10-mile EPZ includes St. Lucie and Martin Counties. REP plans from these counties and the State Bureau of Disaster Preparedness were reviewed to produce the findings of this report. In addition, RAC IV conducted an evaluation of the St. Lucie exercise held during the period February 10-12, 1982.

II. EVALUATION

The following evaluation relates to planning standards A through P, NUREG 0654/FEMA-REP-1.

A. Assignment of Responsibility (Organizational Control)

During the exercise the transition from local control to State control was not clearly defined. Leadership at local and State EOC's hampered by frequent involvement in telephone conference line network. Counties involved did not have school system represented in response organization. Agreements should be negotiated which establish separate and mutual responsibilities of licensee and local governments regarding response operations.

B. On-Site Emergency Organization

Applicable only to licensee.

C. Emergency Response Support and Resources

Assistance available through the Florida Power Corporation contract with the University of Florida is not identified. Also, it is not clear whether the university will work for the utility or the State during response. Facilities have not been completely identified and agreements are not included in plans.

D. Emergency Classification System

There are no clear cut provisions for the licensee to provide protective action recommendations to local officials.

E. Notification Methods and Procedures

Official evaluation of the prompt notification system has not been accomplished.

F. Emergency Communications

Alerting and notification of response personnel should be addressed more thoroughly. Means for 24-hour notice and particular information related to incident categories should be included in county plans.

During the exercise it was evident that point to point communications between the State and other facilities need to be improved. Installation of the planned ring down circuit would alleviate communications problems.

G. Public Education and Information

There is no evidence that an annual public information dissemination program exists. Information materials and the means for distribution are not included in plans.

Physical accommodations at the FEOC were inadequate for media visitors. No procedures were established to permit PIO and/or EOC director to respond spontaneously to media queries; clearance procedures were time-consuming. Rumor control centers were not established in affected areas.

H. Emergency Facilities and Equipment

County plans do not establish a central point for receipt and analysis of field monitoring data. Plans do not identify or describe emergency kits.

The plan does not make clear at which installation (SEOC, EOF, or field operations center) the command/control process will take place.

I. Accident Assessment

Plans indicate a lack of capability to monitor radioactivity in stipulated ranges. If DOE is to provide this capability, a written agreement with DOE is appropriate.

J. Protective Response

There are no provisions for the licensee to forward protective action recommendations to State response organizations.

The plan policy statement should be revised to indicate that KI is no longer a prescriptive drug. The State Health Officer is not included in the decision-making process relative to the use of radio-protective drugs.

County plans should reference the State plan relative to protective action guides. During the exercise it was observed that county protective actions for special populations were not addressed.

It was observed during the exercise that the procedures for administration and distribution of KI were not clear at the FEOC.

K. Radiological Exposure Control

It was observed that exposure control measures for emergency workers were inadequate at State and County facilities. Plan does not address the disposition of contaminated injured persons.

L. Medical and Public Health Support

Letters of agreement concerned with transportation of injured do not contain language which assures that transportation will be made available.

M. Recovery and Reentry Planning and Post-Accident Operations

Decision-making process for reentry and recovery is not made clear in plans.

Premature termination of exercise precluded the observation of recovery and reentry operations.

N. Exercise and Drills

The February exercise was well conducted and observed, and identified the need for additional training in most areas of emergency response at both State and local levels.

O. Radiological Emergency Response Training

Training for medical support personnel not under contract to the licensee is not specifically provided for in the plans.

Exercise demonstrated that additional training is needed in the area of decontamination, dosimetry and exposure control methodology.

P. Responsibility for the Planning Effort

No significant deficiencies noted.

III. SCHEDULE OF CORRECTIONS

Florida indicates the plan improvements and corrections will be submitted to FEMA in October 1982.



Federal Emergency Management Agency

Region IV 1375 Peachtree Street, NE Atlanta, Georgia 30309

February 25, 1982

Mr. Robert S. Wilkerson
Director, Division of Public Safety
Planning and Assistance
1720 Gadsden Street
Tallahassee, Florida 32301

Dear Mr. Wilkerson:

Enclosed is a list of deficiencies concerning the Plant St. Lucie Exercise conducted during the period February 10-12, 1982. Although many specific items of the Exercise were observed to be proficient, only deficiencies are identified in the attached list for reviewing ease and corrective action.

In particular, the members of the Regional Assistance Committee (RAC) and FEMA regional staff gave high marks to the involved emergency response personnel for their overall enthusiasm and seriousness of purpose. The Exercise was certainly a successful one in that it adequately tested the State and local Radiological Emergency Preparedness Plans and revealed areas of proficiency and deficiency.

We are aware that, as a result of the Exercise and critique conducted for St. Lucie, revisions are possibly being made in the State and Site-Specific Plans. Therefore, at the earliest convenience, please provide the FEMA Regional Director a report on how and when the noted deficiencies will be corrected. After receipt of this report, the process of plan review and acceptance may proceed.

We compliment the State of Florida on its excellent Radiological Emergency Preparedness effort and assure you that the RAC and FEMA staff are committed to the future support of these activities in your state.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Glenn C. Woodard, Jr.", is written over the typed name.

Glenn C. Woodard, Jr.
Chairman, RAC IV

Enclosure

ATTACHMENT 2

RADIOLOGICAL EMERGENCY PREPAREDNESS EXERCISE
PLANT ST. LUCIE - FORT PIERCE, FLORIDA
February 10-12, 1982

Deficiencies Observed by FEMA/RAC

I. Emergency Operation Facilities and Resources

(Working space, internal communications and displays, communications, security).

1. State EOC: Point to point communications between State and other facilities need to be improved. Ring down circuit would alleviate information flow problems. Media center co-located with State EOC created problems.
2. FEOC: Internal communications system needs improvement; message circulation inadequate; status boards, charts and maps were not being kept current.
3. St. Lucie County EOC: Inadequate operating space and poorly designed structure. Internal flow of information was inadequate; message board not posted promptly or accurately; sector map not delineated to show evacuation sectors; no population map.
4. Martin County EOC: Internal communications inadequate; no oral briefings; security inadequate.

II. Alerting and Notification of Officials and Staff

(Staffing, 24-hour capability, alerting timeliness)

1. Martin County EOC: Did not demonstrate provisions for 24-hour capability.

III. Emergency Operations Management

(Organization, control, leadership, support by officials, information flow between levels and organizations, decision making, checklists and procedures).

1. FEOC: Transition from local control to State control was not clearly defined. Leadership was hampered by frequent involvement in telephone conference line network.
2. St. Lucie County EOC: Leadership hampered by frequent involvement in telephone conference line network. School system not represented in response organization. Operations room staff, at times, did not have clear picture of situation; i.e., staff, at 12:05 p.m., did not realize that the EOC had been moved to Martin County at 11:30 a.m. Only one elected official present for Exercise (for 1/2 day).

3. Martin County EOC: Leadership hampered by frequent involvement in telephone conference line network. School system not represented in response organization.

IV. Public Alerting and Notification

(Means of notification, e.g., sirens, vehicles, or other systems, notification timeliness).

1. Local Function: adequate

V. Public and Media Relations

(Publications, press facilities, media briefings, news release coordination).

1. State EOC: Multiple sources of news releases created confusion.
2. FEOC: Physical accommodations inadequate for media visitors. Only one telephone and one typewriter available in one small room. No procedures established to permit PIO and/or EOC Director to respond spontaneously to media queries without time-consuming clearance procedures with Tallahassee and with on-scene representatives. Rumor control centers were not established in affected areas.
3. St. Lucie County EOC: Exercise did not demonstrate public information functions at the local level.
4. Martin County EOC: Exercise did not demonstrate public information functions at the local level.

VI. Accident Assessment

(Staff and field operations, monitoring, adequacy of equipment, technical calculations, use of PAGs, issuance of timely recommendations).

1. State: MERL, while at Stuart, experienced communications problems with their radio frequency. MERL then switched to the LGR and seriously interfered with other response organizations' clear reception.

VII. Actions to Protect the Public

(Sheltering, evacuation, reception and care, transportation).

1. FEOC: An extended delay was noted in announcing protective actions.
2. St. Lucie County EOC: Protective actions for special populations, i.e., schools, hospitals, nursing homes, handicapped, were not addressed. The one reception center, in Indian River County, was deficient in that: the map indicating center location was inaccurate; no signs were posted on approach to reception center; one-lane dirt roads ran through the center grounds; no plan

was evident for providing clothing to those persons decontaminated; procedures for processing evacuees not well organized; no equipment available for vehicle decontamination; no containers available for personal clothing; and initial checkpoint needed a recorder.

3. Martin County EOC: Protective actions for special populations were not addressed.

VIII. Health, Medical, and Exposure Control Measures

(Access control, adequacy of equipment and supplies, dosimetry, use of KI, decontamination, medical facilities and treatment).

1. State EOC: The order to issue, and the administration of, KI was not made clear to State EOC staff.
2. FEOC: Administration and distribution of KI procedures were not clear. Exposure control procedures for monitoring team were inadequate.
3. St. Lucie County EOC: Although the Sheriff's Department had a system for determining dosage and had record forms, there was no overall system of exposure control measures for the county's emergency workers.
4. Martin County EOC: Measures for effective exposure control for emergency workers were inadequate. A log book for recording the dosage of workers was not observed. Appropriate action levels for determining need for decontamination were not specified. Measures for decontamination of emergency personnel and equipment, and for waste disposal, were inadequate.

IX. Recovery and Reentry Operations

1. State: Premature termination of Exercise precluded the observation of recovery and reentry operations.
2. Local: Same comment as above.

X. Relevance of the Exercise Experience

(Benefit to participants, adequacy of scenario).

The purpose of the Exercise was accomplished; however, scenario did not stress importance of terminating Exercise only after all phases, including recovery and reentry, had been completed.

Questionnaires returned by Exercise participants indicated that the Exercise was very worthwhile and provided a basis for improvement of response capability.



STATE OF FLORIDA
**DEPARTMENT OF VETERAN
 AND COMMUNITY AFFAIRS**
 DIVISION OF PUBLIC SAFETY PLANNING AND ASSISTANCE

[Handwritten signature]
 [Stamp: FILE, LE, CC]
BOB WILKERSON
 Director

BOB GRAHAM
 Governor

JOAN M. HEGGEN
 Secretary

May 25, 1982

Mr. Glenn Woodard, Jr.
 Federal Emergency Management
 Agency, Region IV
 1375 Peachtree Street, Northeast
 Atlanta, Georgia 30309

Dear Glenn:

This letter is in response to FEMA and RAC deficiencies identified during the recent exercises at the St. Lucie, Turkey Point, and Crystal River nuclear power plants. Attachment I outlines state and local efforts to correct identified deficiencies. Attachment II is our proposed workplan for the completion of radiological emergency management activities through June 1983.

On April 28, Bureau of Disaster Preparedness staff met with representatives from both utilities and the Department of Health and Rehabilitative Services to discuss revisions to plans and SOP's, contract status, and annual exercise requirements. Bureau staff requested that the utilities provide additional resources (both short and long-term) to assure the timely completion of those activities specified in the two attachments. If this request is denied or partially granted, Bureau staff will submit a request for an extension and a revised workplan to reflect more realistic completion dates.

I will keep you advised of our progress toward the completion of those activities specified in the attachments. If you have any questions or require additional information, please contact Mr. Gordon Guthrie.

Sincerely,

Robert S. Wilkerson
 Director

RSW/BN/db

Attachments (2)

ATTACHMENT 3

OFFICE OF THE DIRECTOR

ROOM 530 CARLTON BUILDING • TALLAHASSEE, FLORIDA 32301 (904) 488-6001

[Stamp: RECEIVED, MAY 27 1982, TELETYPE UNIT]

ATTACHMENT I
RESPONSE TO CRITIQUE DEFICIENCIES

I. Emergency Operations Facilities and Resources

Point to point communications between the state EOC and other facilities will be improved through the purchase and installation of the hot ring down system, single sideband radio network, and a hard copy system with the capability to transmit technical data to all emergency facilities. The hot ring down system is a dedicated phone line network linking the state EOC, FEOC's, EOF's, power plant control rooms, risk counties, and DHRS Radiological Health Services. System specifications have been developed and approved by the Florida Division of Communications. Southern Bell reports that activities have begun to install the hot ring down system, and it is expected to be fully operational by the end of May 1982.

The single sideband radio network will serve as a back-up to the hot ring down system and will connect the same points. System specifications have been developed and approved by the Florida Division of Communications. Application for licenses have been developed and submitted to the FCC for their consideration. It is anticipated that the earliest date for license approval will be July or August 1982.

To facilitate point to point communications of technical data (i.e., plant parameters, dose assessments, dose projections), a working committee made up of state, risk county, and utility representatives has been formed to consider the requisite capabilities of a high-speed hard copy transmission system. The working committee is currently considering proposals to assess hard copy transmission needs and to develop specifications for this system.

In addition to hard copy needs, the working committee is also examining communications needs, emergency news center (ENC) operation, and emergency facility locations.

With regard to emergency facility locations, the working committee is examining possible locations for the media center that will be outside the State EOC. The committee is also examining possible alternate locations and options for field emergency operations centers (FEOC's) for the Crystal River and St. Lucie plants. One option under consideration is a mobile FEOC that could be transported to berthing stations near each plant.

Florida Power and Light Company (FPL) has agreed to fund a feasibility study for the planning, location, and design of a new EOC for St. Lucie County. Further funding for the construction of a new EOC will be contingent upon the results of this and other facility studies. BDP staff will work with Dade and St. Lucie counties to assure that adequate visual aids for displaying evacuation routes, relocation centers, and population by sectors are available. Funding for the communications improvements required at the Monroe County EOC will be provided as a result of negotiations with FPL, which are tentatively scheduled for October. The working committee will examine working space problems at the Monroe County EOC and make appropriate recommendations for improvements.

The working space problems identified at the Citrus County EOC should be resolved upon the identification of a suitable location for the FEOC by the working committee. The Levy County Commission has agreed to make space available to relocate their EOC, thus improving EOC working space and conditions. BDP staff have scheduled the development of training standards, revision of SOP's, and training sessions prior to the next exercise. These activities should improve EOC internal communications and information flow, record keeping, and overall operation.

II. Alerting and Notification of Officials and Staff

Funding has been provided by FPL to Martin County for training local emergency response personnel and public officials. This training should assure that Martin County demonstrates a 24-hour capability to manage and respond to a radiological emergency.

III. Emergency Operations Management

BDP staff is currently involved in the revision of the plan to more clearly define direction and control during an emergency. The revision to this section of the plan is scheduled for completion in May.

The installation of the hot ring down system will eliminate facility managers' involvement in the telephone conference line network. BDP staff has scheduled the revision of EOC alert, notification, staffing, and operations SOP's for Martin and St. Lucie counties to include the school system in the response network and to improve internal communications and information flow.

The working committee will also examine the function and operation of the emergency news center (ENC) to assure that timely and accurate information is disseminated. The committee is also examining additional technical (DHRS)

staff requirements at the EOF. The additional technical staff will improve coordination between DHRS and the Governor's Authorized Representative (GAR). SOP's for the activation, staffing, and operation of the EOF are scheduled for revision to assure improved coordination and management of EOF activities.

IV. Public Alerting and Notification

The installation of the hot ring down system will assure that important information (i.e., changes in plant status/parameters) will be received by all points on the system simultaneously, and should minimize delays in announcing important information.

BDP staff is in the process of revising the notification annexes of the state and site plans. These revisions will result in standardized notification forms and procedures (where possible). Additional cross-training will be scheduled in Levy County to assure that adequate resources are available for effective dissemination of notification information.

V. Public and Media Relations

The working committee and BDP staff have scheduled the revision of the ENC concept to identify specific responsibilities of state, local, and utility Public Information Officers (PIO's); establish procedures for the accurate and timely dissemination of information; and assure effective management of public information. In addition, all SOP's for PIO's have been scheduled for revision prior to the next exercise.

The working committee is also examining the issue of relocating the FEOC for the St. Lucie plant. A suitable relocation of the FEOC would include adequate physical accommodations for media visitors.

BDP staff is in the process of revising information brochures and posters for distribution to Citrus and Levy counties. These posters and brochures will advise residents as well as transients of actions to take in the event of a radiological emergency. BDP staff will propose radiological emergency procedures for inclusion in the Crystal River area phone book. BDP staff will work with Citrus and Levy counties to develop overlays identifying geographic areas that closely correspond to each population sector. A slide/tape presentation is being developed for public and media education.

Florida Power Corporation (FPC) has scheduled the construction of a new EOF, which will include adequate physical accommodations for the media. This new facility is to be constructed by October 1982 and fully equipped by March 1983.

VI. Accident Assessment

DHRS staff is in the process of examining their communications needs to assure that the MERL and field monitoring teams are adequately equipped to transmit and receive accurate and timely data, and to allow the MERL to effectively monitor communications with field monitoring teams. DHRS is also examining the issue of requisite staffing for the MERL to assure more effective deployment and management of field monitoring teams. The SOP's pertaining to the operation of the MERL will then be revised to address these issues, as well as MERL security, decontamination of returning field monitoring teams, periodic briefings of field monitoring teams, policy(ies) for withdrawal from contaminated areas, and standardized checklists for logging data transmissions.

Additional funds for needed communications equipment for the MERL and field monitoring teams and updated maps will be negotiated as an addendum to existing contracts or as line items in the new contracts under the provisions of HB 1066. This legislation amended Chapter 252, Florida Statutes, to establish respective roles in the development, testing, implementation, and funding of radiological emergency plans and preparedness. DHRS will also negotiate additional health physicist positions to assure an adequate response capability. Installation of the hot ring down system and the hard copy system for the transmission of technical data will assure that radiological safety officers in the FEOC's have the capability to receive and transmit data regarding plant status and parameters, and offsite dose assessments and projections.

FPC has scheduled the construction of a 26,000 square foot EOF near the airport, approximately 10.1 miles from the plant site. Construction is scheduled for completion in October, and the facility should be fully equipped by March 1983. FPC staff has expressed a desire to meet with BDP/DHRS staff regarding the floor plan and layout to assure the co-location and coordination (i.e., standard forms) of state and utility dose projection personnel.

VII. Actions to Protect the Public

Training standards are being scheduled for development for shelter management staff. BOP staff will work with county directors to develop a training curriculum to assure that

shelter managers and staff are adequately trained to open and operate reception centers and shelters. SOP's for the activation and operation of reception centers and shelters will be revised or developed as needed. These activities should correct those shelter deficiencies identified in Citrus, Levy and Indian River counties.

In addition, the working committee is examining the adequacy of existing emergency facilities. For those reception centers and shelters that cannot be modified to correct those identified deficiencies, new locations for these facilities will be recommended and equipped.

BDP staff is currently in the process of applying for user numbers to access DHRS and Florida State University computers to collect and analyze census data. Of primary interest is updated population figures for schools, hospitals, nursing homes, and other special facilities in areas surrounding nuclear power plants. Accurate population data are prerequisites for the development of valid protective actions for special needs populations.

FPL and FPC have provided funds to host counties for the purchase of disposable clothing/gowns for contaminated evacuees. Any equipment necessary for vehicle decontamination, disposal of contaminated clothing, or the efficient operation of reception centers and shelters that is not currently available will be negotiated with the utilities as an addendum to existing funding contracts or as line items in the new contracts under the provisions of HB 1066. BDP staff has scheduled the development and administration of a needs assessment instrument to determine additional funding and resource needs of state and local agencies.

VIII. Health, Medical, and Exposure Control Measures

DHRS is in the process of developing an SOP for the pre-positioning of potassium iodide (KI), based on population densities surrounding each power plant, to provide guidance to the counties on storage and distribution of KI. DHRS has also revised the policy for the authorization to distribute and use KI. This policy will be included in the revised radiological emergency plan, and will request that each risk county health unit develop detailed plans for the issuance of KI.

BDP staff has scheduled the development of training standards for radiological instrumentation and exposure control. Once these have been developed, training sessions will be scheduled to improve record keeping, decontamination procedures, and overall exposure control procedures for emergency personnel. The Florida Public Service Commission has provided funding for the BDP to contract

with the University of Florida Department of Environmental Engineering for the provision and maintenance of thermoluminescent dosimeters (TLD's) for emergency workers.

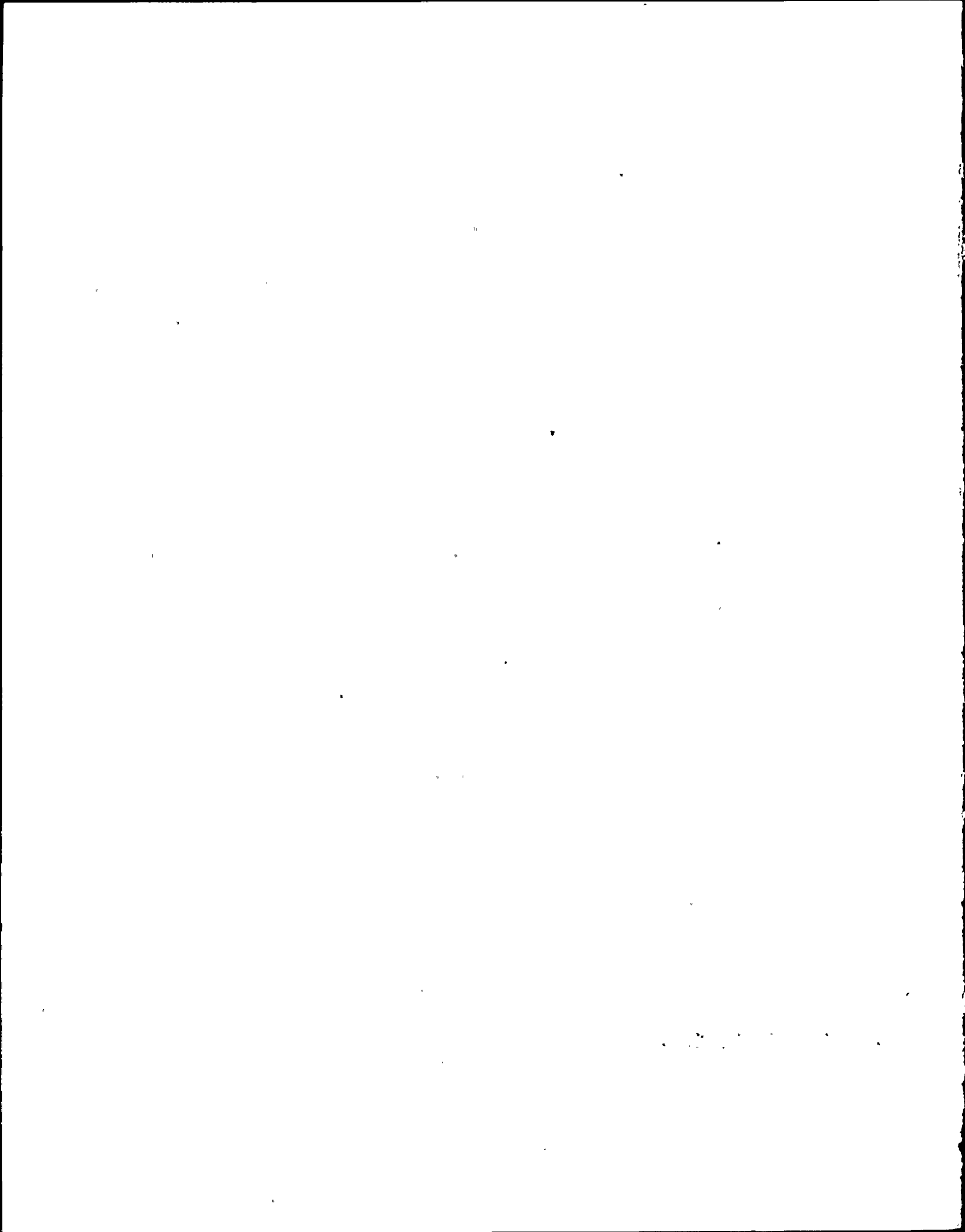
Under the provisions of this contract (which is currently being reviewed by Department legal staff) the University would also maintain permanent dose records for emergency workers. In addition, all SOP's regarding decontamination of emergency vehicles, radiological safety officers' responsibilities, field monitoring, decontamination of evacuees, radiological injuries, and radiological exposure control have been scheduled for revision.

IX. Recovery and Reentry Operation

No response required.

X. Relevance of the Exercise Experience

No response required.



APPENDIX F

PRINCIPAL CONTRIBUTORS

V. Nerses	Project Management
J. Lee	Project Management
A. Brauner	Siting analysis
J. Fairbent	Accident evaluation (meteorology)
T. Cardone	Geology
R. Wescott	Hydrology
H. Polk	Structural engineering
J. Rajan	Mechanical engineering
T. Chang	Seismic qualification
M. Haughy	Operability qualification of pumps and valves
D. Powers	Core performance
C. Liang	Reactor systems
R. Stevens	Instrumentation and controls
J. Ridgely	Auxiliary systems
J. Stang	Fire Protection
S. Elrod	Management and technical support organization
D. Perrotti	Emergency planning
R. Skelton	Physical security
D. Hoffman	Technical specifications
J. Gilray	Quality assurance
J. Peterson	Financial qualifications
W. Kennedy	Procedures and test review
F. Witt	Postaccident sampling

Gage Babcock
Brookhaven National Lab.
EG&G
Battelle Pacific Northwest Laboratories

NRC FORM 335 (7-77)		U.S. NUCLEAR REGULATORY COMMISSION BIBLIOGRAPHIC DATA SHEET		1. REPORT NUMBER (Assigned by DDC) NUREG-0843 Supplement No. 2	
4. TITLE AND SUBTITLE (Add Volume No., if appropriate) Safety Evaluation Report Related to the Operation of St. Lucie Plant, Unit No. 2 Docket No. 50-389				2. (Leave blank)	
7. AUTHOR(S)				3. RECIPIENT'S ACCESSION NO.	
9. PERFORMING ORGANIZATION NAME AND MAILING ADDRESS (Include Zip Code) U.S. Nuclear Regulatory Commission Office of Nuclear Reactor Regulation Washington, D.C. 20555				5. DATE REPORT COMPLETED MONTH YEAR September 1982	
12. SPONSORING ORGANIZATION NAME AND MAILING ADDRESS (Include Zip Code) Same as 9. above				DATE REPORT ISSUED MONTH YEAR September 1982	
				6. (Leave blank)	
				8. (Leave blank)	
				10. PROJECT/TASK/WORK UNIT NO.	
				11. CONTRACT NO.	
13. TYPE OF REPORT			PERIOD COVERED (Inclusive dates)		
15. SUPPLEMENTARY NOTES Docket No. 50-389				14. (Leave blank)	
16. ABSTRACT (200 words or less) <p>Supplement No. 2 to the Safety Evaluation Report for the application filed by Florida Power & Light Company for a license to operate the St. Lucie Plant, Unit No. 2 (Docket No. 50-389), located in St. Lucie County, Florida has been prepared by the Office of Nuclear Reactor Regulation of the Nuclear Regulatory Commission. The purpose of this supplement is to update the Safety Evaluation Report by providing (1) our evaluation of additional information submitted by the applicant since Supplement No. 1 was issued and (2) our evaluation of the matters the staff had under review when Supplement No. 1 was issued.</p>					
17. KEY WORDS AND DOCUMENT ANALYSIS			17a. DESCRIPTORS		
17b. IDENTIFIERS/OPEN-ENDED TERMS					
18. AVAILABILITY STATEMENT Unlimited			19. SECURITY CLASS (This report) Unclassified		21. NO. OF PAGES
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