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November 23, 1987

Posted Amdt. 120 to DPR-41

Docket Nos. 50-250
and 50-251

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Mr. C. O. Woody, Group Vice President
Nuclear Energy
Florida Power and Light Company
Post Office Box 14000
Juno Beach, Florida 33408

Dear Mr. Woody:

SUBJECT: ISSUANCE OF AMENDMENTS (TAC NOS. 64261 AND 64262)

The Commission has issued the enclosed Amendment No. 126 to Facility Operating License No. DPR-31 and Amendment No. 120 to Facility Operating License No. DPR-41 for the Turkey Point Plant, Units Nos. 3 and 4, respectively. The amendments incorporate license conditions in response to your application transmitted by letter dated December 19, 1986, as supplemented June 22, 1987 and November 16, 1987.

These amendments add license conditions which require implementation of Florida Power and Light Company's Plan for the integrated scheduling of plant modifications for the Turkey Point Plant, Units 3 and 4 (the Plan). The Plan will result in implementation schedules for new and existing plant modifications and changes which reflect the importance of the items in relation to overall plant safety. In addition, the Plan will assure that the necessary engineering, safety assessments, design and implementation of modifications or changes are completed in a systematic and timely fashion.

Enclosure 3 is a copy of the Safety Evaluation. The Plan and the approved schedules are included as Attachments 1 and 2, respectively, to the Safety Evaluation. The Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

Daniel G. McDonald, Jr., Project Manager
Project Directorate II-2
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

Enclosures:
1. Amendment No. 126 to DPR-31
2. Amendment No. 120 to DPR-41
3. Safety Evaluation

cc w/enclosures:
See next page

LA:PD22	PM:PD22	D:PD22	OGC	
DMiller	DMcDonald	HBerkow	Telephone Concurrence BBordenick	
11/19/87	11/19/87	11/23/87	11/23/87	11/23/87

Mr. C. O. Woody
Florida Power and Light Company

Turkey Point Plant

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

TURKEY POINT PLANT UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 126
License No. DPR-31

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Florida Power and Light Company (the licensee) dated December 19, 1986, as supplemented June 22, 1987 and November 16, 1987, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

   C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by adding a new license condition 3.K. to read as follows:

3.K. Integrated Schedule

1. The Plan for Integrated Scheduling of Plant Modifications for Turkey Point Units 3 & 4 (the Plan), submitted on December 19, 1986, is approved.

   a. The Plan shall be followed by the licensee from and after the effective date of this amendment.

   b. Changes to dates for completion of items identified in Schedule B do not require a license amendment. Dates specified in Schedule A shall be changed only in accordance with applicable NRC procedures.

2. This license condition shall be effective until December 31, 1990, subject to renewal upon application by the licensee.

3. This license amendment is effective as of the date of issuance and shall be implemented within 60 days.

FOR THE NUCLEAR REGULATORY COMMISSION

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

Date of Issuance: November 23, 1987

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-251

TURKEY POINT PLANT UNIT NO. 4

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 120
License No. DPR-41

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Florida Power and Light Company (the licensee) dated December 19, 1986, as supplemented June 22, 1987 and November 16, 1987, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

   C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by adding a new license condition 3.K. to read as follows:

3.K. Integrated Schedule

1. The Plan for Integrated Scheduling of Plant Modifications for Turkey Point Units 3 & 4 (the Plan), submitted on December 19, 1986, is approved.

   a. The Plan shall be followed by the licensee from and after the effective date of this amendment.

   b. Changes to dates for completion of items identified in Schedule B do not require a license amendment. Dates specified in Schedule A shall be changed only in accordance with applicable NRC procedures.

2. This license condition shall be effective until December 31, 1990, subject to renewal upon application by the licensee.

3. This license amendment is effective as of the date of issuance and shall be implemented within 60 days.

FOR THE NUCLEAR REGULATORY COMMISSION

Edmund J. Tourigny for

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

Date of Issuance: November 23, 1987

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 126 TO FACILITY OPERATING LICENSE NO. DPR-31

AND AMENDMENT NO. 120 TO FACILITY OPERATING LICENSE NO. DPR-41

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT UNIT NOS. 3 AND 4

DOCKET NOS. 50-250 AND 50-251

1.0 INTRODUCTION

Florida Power and Light Company (FPL), the licensee, has requested the Nuclear Regulatory Commission's (NRC) approval of a five-year integrated program for implementing self-imposed and NRC-imposed modifications for the Turkey Point Plant, Units 3 and 4. The request was submitted by letter dated December 19, 1986, as supplemented June 22, 1987 and November 16, 1987.

The objectives of FPL's program are to improve control and management of available resources and to perform required activities in a manner that would enhance plant safety. This would be achieved by (1) improved control of plant modifications or resource-intensive activities and (2) timely implementation of the modifications or activities.

The June 22 and November 16, 1987 submittals provided updates of the integrated schedule which did not substantially alter, or affect the staff's initial determination of the application noticed in the Federal Register on February 26, 1987.

2.0 BACKGROUND

On May 3, 1983, the NRC issued Amendment No. 91 to the Duane Arnold Energy Center (DAEC) operating license. This amendment incorporated a license condition that approved Iowa Electric Light and Power Company's "Plan for the Integrated Scheduling of Plant Modifications for the Duane Arnold Energy Center." Implementation of this program for DAEC initiated the development of an industry-wide approach to achieve more effective management of plant modifications and resources and of integrated schedules for completion of plant modifications. On May 9, 1983, the Commission issued Generic Letter (GL) 83-20 to inform the industry of the DAEC amendment and to invite other utilities to participate in a similar program. On July 9, 1985, DAEC was granted a two-year extension for its previously approved plan. Since the DAEC amendment was issued, other utilities have been issued similar amendments approving the implementation of integrated schedules. The NRC's Statement of Policy and Planning Guidance for 1984 stated in part:

"An integrated implementation schedule for new and existing requirements reflecting relative priorities should be established for each power reactor licensee."

3.0 EVALUATION

The staff evaluated FPL's request for amendments to the operating licenses for Turkey Point Units 3 and 4 regarding integrated scheduling. This evaluation included (1) the license conditions of interest, (2) the program, (3) the Plan, and (4) the initial (baseline) schedules. In addition, FPL requested that any outstanding confirmatory orders addressed in the integrated schedule (I/S) be rescinded when the amendments are approved. The staff will not address this portion of the FPL request as part of this licensing action.

The primary emphasis of the staff's review was to thoroughly understand the overall process used in developing the I/S. The process consists of a methodology for systematically identifying, prioritizing, optimizing, and controlling the scheduling of plant modifications or other resource-intensive activities (e.g., studies, engineering evaluations based on relative significance) and available resources (both financial and personnel).

3.1 License Conditions

The staff's proposed license conditions are consistent with previously approved license conditions for other utilities' I/S amendments; they indicate that the licensee's December 19, 1986 request has been approved and that the license amendments shall be in effect until December 31, 1990, subject to renewal. The license conditions stipulate that the Plan shall be followed by the licensee from and after the effective date of the amendments and provide the requirements for changing completion dates. The Plan describes in detail the FPL process for managing resource-based schedules; provides for the effective date and duration of the approval; and specifies conditions and responsibilities for maintaining and changing activity completion dates.

The license conditions require that FPL have an approved Plan for the systematic and controlled management of all plant modifications or activities for the Turkey Point Units 3 and 4. The license conditions also ensure that the Commission can perform its regulatory function of assuring safe operation of the facility and protection of the public's health and safety. The staff has determined, based on our review and experience with the I/S process to date, that the proposed license conditions are appropriate.

3.2 The Program

FPL's program, "Instructions for the Administration of the Integrated Schedule Program at Turkey Point Units 3 and 4," was developed to coordinate and schedule all the necessary and required work at the Turkey Point site. The program is applicable to all nuclear plant improvements initiated by the NRC, other regulatory agencies, FPL, or any other source. This overall program is comprised of corporate and plant administrative procedures.

The basic premise of the program is that financial and human resources are finite. The purpose of the program is to best utilize these resources to (1) ensure conformance to regulatory requirements, (2) provide sufficient time for orderly implementation of modifications or activities, (3) minimize the impact the changes have on operators to ensure continued safe operation, (4) allow time for developing and implementing necessary training, and (5) provide the mechanism and means for making necessary changes to the schedules.

All plant modifications or activities are initially screened against a minimum criteria for overall cost, architect/engineer cost, total FPL engineering manhours, contractor/craft manhours, or other appropriate management-identified reasons for inclusion in the I/S. The minimum criterion for any of these items is a value low enough to ensure that the overall purpose of the program, discussed above, will be met. Normal plant activities such as operations, maintenance, surveillance, testing and unplanned changes are not included in the I/S. However, if, for example, a major maintenance item is planned that impacts available resources, it would be included in the I/S, as would a major unplanned modification or activity that would impact I/S items. All outage-related activities in the I/S are generally scheduled for normal duration refueling outages. However, a procedure is in place to handle short notice outage work (SNOW) to be implemented during unplanned or extended planned outages. The implementation of the SNOW process ensures maximum utilization of outage times.

All plant modifications or activities that meet the screening criteria discussed above, regardless of the originating source, proceed through an evaluation process, which includes assessment of the assigning of benefit criteria, relative weighting of the benefit criteria, resources (human, financial, and physical), and assigning priorities based on the overall cost/benefit. The group assigned to evaluate the proposals and provide the relative weighting of the benefits consists of mid-level, multi-disciplined plant supervisors and managers who are well-suited to perform this function because of their collective knowledge of the plant hardware, overall plant operating characteristics, and plant areas most in need of improvement to enhance overall safety. The collective ratings of the group are processed by computer and a numerical value is derived. All proposals initiated by organizations other than FPL, regardless of the benefit rating, and all FPL proposals with a positive benefit rating then receive a resource evaluation. This evaluation considers the manhours, crafts needed, necessary engineering support, equipment, cost, etc.

The data gathered as the result of the benefit rating and resource assessment is entered into the I/S database and the proposed modification/activity is ranked, relative to all other proposed plant modifications or activities. Thus, the inclusion of new items, or changes in the benefit rating or resource assessments of existing items, can be achieved in a timely manner. Adjustments to the schedules are required on a continuing basis due to the technical nature of the plant, unforeseen requirements, and feedback from ongoing efforts. FPL and NRC staff interaction is required to ensure that overall plant safety is enhanced in a timely fashion.

The staff's evaluation of the overall program was not a detailed evaluation of FPL's computer software or the assumptions in the model, but was to ensure that the program incorporated the elements necessary for reasonable and timely scheduling of all significant plant modifications or activities. Several meetings were held with FPL during which sample cases were discussed in detail. These sample cases provided a means to illustrate the process and demonstrate its sensitivity to various changes. The sample cases demonstrated the effect of changes on the criteria for prioritizing, projecting estimates/cost, and assessing availability of resources. On the basis of the comprehensiveness and sensitivity of the program, the staff has determined that the program provides effective management for ensuring systematic, controlled, and timely completion of plant modifications or activities.

3.3 The Plan

The Plan (Attachment 1) describes the methods and guidelines by which the process described above will be implemented. It further describes the responsibilities of both the NRC and FPL. As previously noted, the proposed license conditions stipulate that the Plan shall be followed by FPL from and after the effective date of the amendments and allows FPL to make changes to certain categories of items in accordance with the provisions of the Plan as well as modifying the Plan itself under certain conditions.

The Plan is divided into several subsections and includes a summary of the overall process. The subsections define the types of schedules, provide guidelines for modifications to the schedules, define FPL and NRC responsibilities (updating, changing, and reporting), and provides procedures for modifying or changing the Plan. The following is a brief description of each of the subsections of the Plan, except for the overall process which was described in Section 3.2 of this evaluation.

3.3.1 Scheduling

All plant modifications or activities, based on relative needs and available resources, are divided into two major groups to readily distinguish the items with required completion dates from the items with desired completion dates. Schedule A contains all the items that have implementation dates mandated by Commission rule, order, or license condition. Schedule B contains all the remaining items, regardless of initiating organization (NRC, FPL, or others), that meet the initial screening criteria discussed in Section 3.2 of this evaluation.

Schedule A items have been subdivided into two subsections for ease of identification and tracking. The COFO items include all those items that have implementation dates confirmed by a Commission order. The REG items include all the items that have scheduled implementation dates mandated by regulations.

Schedule B items also have been subdivided into subsections as follows: NRR items which are NRC-initiated (generic or plant specific) and have committed implementation dates; I&E items which are initiated as the result

of NRC inspections and have committed implementation dates; ORA items which are initiated by other organizations (Institute for Nuclear Power Operations, State regulatory agencies, etc.) and have planned implementation dates; and FPL items which are FPL-initiated and have planned implementation dates.

3.3.2 Schedule Modifications

Changes in plant operations, additional requirements, desired or needed improvements, delays in procurement of equipment, or a multitude of unforeseen circumstances will necessitate schedule changes. The Plan describes a suitable mechanism for changing completion dates and keeping the NRC staff informed. The Plan has the appropriate degree of flexibility to ensure that schedules can be adjusted and the program can be effectively implemented while also ensuring that the Commission's responsibilities are not compromised.

3.3.3 FPL and NRC Responsibilities

Changes in Schedule A items will continue to be sought through the normal NRC exemption, license amendment, or order-date extension process. FPL will inform the NRC Project Manager in advance when considering a request for an extension of the completion date for a Schedule A item. A written request for an extension, including the reasons for the delay, will be provided to the NRC for review. If FPL determines the extension is necessary, the NRC will review the request for a Schedule A extension and respond in a timely manner consistent with the availability of resources and priority of other work.

Changes in Schedule B items can be made by FPL without prior NRC approval. If the change affects NRR or I&E items (NRC-initiated), FPL will notify the NRC of the proposed change(s) 30 days before making the change(s). If circumstances do not allow for the 30-day advance notice, FPL will inform the NRC Project Manager as soon as practicable.

The Plan stipulates that FPL will submit updated schedules to the NRC semi-annually. These submittals will summarize the status of the commitments to the NRC, identify schedule changes from the previous update and provide the bases/rationale for the schedule changes. FPL currently updates the schedules on a monthly basis for internal use and these monthly updates will be available to the NRC in addition to the semiannual reports stipulated in the Plan. The impact of new requirements or schedular revisions to existing requirements will be considered by the NRC in the context of the Turkey Point I/S Program.

3.3.4 Plan Modifications

The NRC and FPL staffs recognize that the Plan itself may require changes and have provided provisions to accomplish future changes. FPL will propose changes to the Plan by requesting license amendments. The NRC will review the request, and, if approved, the changes will become effective upon issuance of the amendments.

3.3.5 Acceptability of the Plan

The format and content of FPL's Plan is the same as that previously approved in Amendment No. 91 to the DAEC operating license. A copy of the DAEC amendment was provided to all licensees by GL 83-20, dated May 9, 1983, to provide an example of an acceptable Plan for I/S. The FPL Plan is consistent with the previously approved Plan as discussed above, and provides acceptable methods and guidelines to implement the I/S process for the Turkey Point facility; therefore, the staff finds the Plan acceptable.

3.4 Proposed Schedules

FPL provided the latest updated I/S by letter dated November 16, 1987. This I/S, which is Attachment 2 to this evaluation, provides the agreed-on schedules for all current and projected tasks. These are the schedules to be used as the baseline schedules for the proposed license amendments. The schedules include indicator codes and dates for all NRC non-outage and outage-related commitments. The completion dates for non-outage items are planned and scheduled for 60 days before the commitment dates. This allows for variables in estimates, delivery dates, and other contingencies that impact the final completion of modifications or activities. NRC notification for minor changes in schedules will not be required by the licensee as long as the completion dates remain within the committed dates. Completion dates for outage-related items are normally scheduled for completion at the end of the outage. However, some outage-related items may require that the unit(s) be at power to perform tests or calibrations.

Those items in the I/S which are outage-related and require post-startup activities prior to completion will be identified. The detailed schedules for each of those items will identify the required activities and time necessary after unit startup to complete the specified activities.

The scheduled completion dates include all those tasks necessary to declare a modification or activity complete. The staff and licensee generally agree that the following elements of a modification must be verified to determine that the modification has been completed:

1. necessary engineering has been completed and documented,

2. installation/construction has been completed,

3. startup testing/calibration has been completed,

4. operator training has been completed or will be completed prior to assuming shift duties,

5. appropriate procedures have been approved and are in place,

6. completed drawings or approved markups are in place (available to site engineering and operations staff),

7. nonconformance reports involving operability have been dispositioned,

8. operability as defined in the Technical Specifications is met (if applicable),

9. modification is available for NRC inspection.

Certain elements of a modification may not be required to determine that the modification is complete, such as construction demobilization (e.g., removal of scaffolding, cost accounting, craft activities), completed document packages not in record storage, or final design drawings not issued (as long as approved markups are available).

A study or evaluation is considered complete when the details and results of the study or evaluation are documented and have been provided to the appropriate group or individual for use.

The staff has reviewed the proposed schedules and verified the commitment dates identified in the attached I/S and finds them acceptable. Any exceptions to this will be addressed in the summary section of this evaluation.

4.0 CONFIRMATORY ORDERS

All the items in the I/S that have been confirmed by order, but have not been completed, are tracked in Schedule A as confirmatory items (designated as COFO items). During the I/S review, it was verified that all the COFO schedules are consistent with the initial orders or subsequent order modifications based on mutual agreements. The COFO items included in the I/S can be divided into three groups: the first item is related to control room habitability; the second two items are related to area radiation monitoring systems; and all the remaining items were initially included or have been added to the Performance Enhancement Program (PEP).

As indicated in Section 3.3.2 of this evaluation, the Plan has the flexibility to ensure the I/S program can be implemented effectively while ensuring the Commission's responsibilities are not compromised. The Commission does not relinquish its authority to issue orders (e.g., confirmatory, show cause) relating to any item in the I/S if the Commission deems the action appropriate and necessary to protect public health and safety or to ensure timely completion. However, the impact of the new requirements or schedular revisions to existing requirements will be considered in the context of the Turkey Point I/S program.

The status of each of the three groups of Schedule A COFO items, described above, follows.

4.1 Control Room Habitability (A Mod 0014)

The NRC staff issued NUREG-0737, "Clarification of TMI Action Plan Requirements," on October 31, 1980. NUREG-0737, Item III.D.3.4, "Control Room Habitability Requirement," provides guidance for complying with this TMI Action Plan requirement. This guidance indicates that licensees shall provide proposed modifications to the NRC and that implementation should be started before the staff

completes its review. The guidance further indicates that a post-implementation review will be performed and any necessary changes will be identified by the NRC at that time.

FPL provided proposed modifications and schedules for implementation of TMI Action Plan Item III.D.3.4 by letter dated July 9, 1981. Subsequently, the NRC staff issued two generic letters (GL), GL 82-05 and GL 82-10 dated March 17, 1982 and May 5, 1982, respectively. In response to the GLs, FPL confirmed which items were complete and provided schedular commitments to complete the remaining items identified in the GLs. The Commission issued an order confirming the commitments on March 14, 1983, and modified the order on May 11, 1983. The committed date for completion of Action Plan Item III.D.3.4 was July 1983 for both Units 3 and 4.

By letter dated July 1, 1983, FPL indicated that all commitments relating to control room habitability had been met; therefore, the schedule in the confirmatory order was complied with. However, as the result of its post-implementation audit, the staff determined that additional modifications were necessary. The additional requirements were included in the staff's safety evaluation (SE) dated November 25, 1983. A supplemental SE was issued on May 8, 1985, which required the inclusion of redundant radiation monitors. It was necessary to amend the Technical Specifications for Units 3 and 4 to allow for a one-time additional 45-day limiting condition of operation (LCO) to allow implementation of the changes resulting from the NRC post-implementation audit. As noted in the attached I/S, this item will be completed by January 1988.

4.2 Area Radiation Monitoring System (A Mod 0341 and A Mod 0342)

Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability" (GL 82-33), was issued on December 17, 1982. One of the items included in GL 82-33 was Regulatory Guide (RG) 1.97, Application to Emergency Response Facilities. FPL responded to the GL by letters dated May 5, May 20, and July 25, 1983, and January 30 and February 14, 1984. Based on the schedular commitments in these letters, the Commission issued an order confirming the commitments on February 23, 1984. The order was subsequently modified on July 15 and December 24, 1985, and September 30, 1986. The September 30, 1986 modification to the Order indicated that the schedule for the area radiation monitoring system (ARMS) would be provided by December 31, 1986.

By letter dated December 31, 1986, FPL provided the scope and design criteria for the ARMS. The letter further indicated that the ARMS was scheduled for completion by December 31, 1990, and would be included in FPL's I/S submittal, thus complying with the orders. The ARMS provides inputs to the safety assessment system (SAS) and the safety parameter display systems (SPDS). The current I/S schedule for ARMS is November 1990 for Unit 3 and May 1990 for Unit 4. The rationale to support the proposed schedule is: (1) engineer effort for design; (2) instrument and control engineers are a critical resource; (3) design interface for the SAS/SPDS; and (4) a large portion of the work is in the power block, which must be controlled and limited for safe operation of the units. The staff has determined that the schedule is reasonable and a best effort is being expended to complete the RG 1.97 requirements.

4.3 Performance Enhancement Program (All Remaining A COFO Items)

Inspection activities during early-to-mid 1984 and previous enforcement history at the Turkey Point facility indicated that increased management attention was necessary to ensure adherence to regulatory requirements. FPL developed a comprehensive program, the Performance Enhancement Program (PEP), to correct the identified problems. The Commission issued Confirmatory Order EA-84-55, dated July 13, 1984, which confirmed the commitments and schedules in the PEP, provided means for making changes, and required periodical status reports. A safety system functional inspection (SSFI) was performed in August and September 1985. The results of the SSFI, and other inspections, identified weaknesses in the design control program at the Turkey Point facility. The Commission issued Confirmatory Order and Notice of Violation and Proposed Imposition of Civil Penalties EA-86-20, dated August 12, 1986. The order confirmed that the PEP be continued and a select safety system (SS) review be added to the PEP.

The staff and licensee confirmed the indicated commitment dates included in the attached I/S for all the PEP items included in the Schedule A COFO items. FPL added an item, completion of PEP/SS task items, which has a scheduled completion date of September 22, 1989. This item will be used to track any PEP/SS item that has been indicated complete but, as the result of an inspection or other means, it is determined that additional effort is needed.

As noted above, the PEP has been in effect for a considerable time and the major portion of the items have been completed. The issuance of the I/S amendments and the inclusion of the remaining PEP items will provide an acceptable means for tracking the PEP items.

5.0 REGULATORY IMPOSED SCHEDULES

All the items in the I/S that have regulatory-required schedules, but which have not been completed, are tracked in Schedule A (designated as REG items). The only items included in the attached Schedule A REG items are the Anticipated Transients Without Scram (ATWS) modifications required per the 10 CFR 50.62 ATWS Rule. However, the schedule for final completion of the alternate shutdown system modifications were inadvertently omitted from the current I/S. This item will be included in the next monthly run of the I/S.

The status of the alternate shutdown system modifications and the ATWS modifications follows.

5.1 Alternate Shutdown Systems

By letters dated October 11, 1985 and April 4, 1986, FPL requested schedular exemptions for completion of fire protection items for both Units 3 and 4 and the common areas. Schedular exemptions were granted for both Unit 4 and the common areas by letter dated June 9, 1986. Because the 10 CFR 50.48(c) schedule for Unit 3 had expired, no further schedular exemption was granted.

Generic Letter 86-10, "Implementation of Fire Protection Requirements" stated that the NRC would (1) review the dockets of plants covered by 10 CFR 50.48 to determine the schedule deadlines for those plants, and (2) inform licensees of those schedule deadlines.

By letter dated April 8, 1987, we indicated that all fire protection modifications would be complete in accordance with either the 10 CFR 50.48 schedular requirements or the June 9, 1986 exemption discussed above by May 1988 for Unit 3. We also indicated that Unit 4 did not meet all the schedular requirements; that it was allowed to operate because of compensatory measures which had been approved by the NRC; and that a schedular exemption for alternate shutdown (including common procedures and areas) had been granted until May 1988. However, due to an administrative error, the wrong unit numbers were identified in the April 8, 1987 letter. Instead, the letter should have stated that Unit 4 was in compliance and was granted an exemption, and Unit 3 had not met all the 10 CFR 50.48 schedular requirements.

All physical fire protection and alternate shutdown modifications have been implemented. The only remaining item is the common alternate shutdown procedures which are being written and require validation and training for the operations staff. This item will be included in the next I/S update with a schedule within the May 1988 date granted by the June 9, 1986 exemption.

5.2 ATWS Modifications

The ATWS Rule (10 CFR 50.62) was published in the Federal Register on June 26, 1984. Quality Assurance (QA) guidance for non-safety related equipment was issued by GL 85-06 dated April 16, 1985. Therefore, plant-specific schedules for meeting the requirements of the ATWS Rule were required to be submitted to NRR by October 15, 1985 (180 days after issuance of the QA guidance). Your letter dated August 20, 1985 responded, as many utilities did, by stating that final schedules for meeting the requirements of the rule could not be determined until the NRC staff completed its reviews of generic ATWS designs. The generic reviews have now been completed.

Delays incurred in preparation of the QA guidance, and the extensive time and effort required to resolve complex issues associated with the development of review criteria, interpretation of the supplementary information published with the rule, and the review of generic ATWS designs have all impacted utility schedules. Because of the cumulative effect of these delays, and in recognition that a sound and thorough engineering approach to resolve ATWS concerns is preferred to a rushed effort forced by schedular constraints, the NRC decided to extend the deadline for implementation of the ATWS Rule. The revised schedule allowed delay of implementation of ATWS Rule requirements to no later than the third refueling outage after July 24, 1984. A request for delay beyond the third outage will be handled on a case-by-case basis if it is presented in a timely fashion, and can be adequately justified.

By letter dated September 24, 1986, we provided the Safety Evaluation of the generic design for the ATWS Mitigation System Actuation Circuitry (AMSAC) for Westinghouse-designed plants. Your letter dated November 3, 1986 indicated that the plant-specific design information and schedule would be provided by July 15, 1987. Your letter of July 15, 1987 provided the design information and indicated that the implementation schedules would be in accordance with the I/S process which was currently being reviewed by the NRC staff.

The third refueling outages for Units 3 and 4 after July 24, 1984 are currently scheduled for January 1989 and March 1990, respectively. The implementation schedules for the ATWS modifications in the attached I/S are the refueling outages currently scheduled for November 1990 and November 1991 for Units 3 and 4, respectively.

The NRC staff is reviewing the plant-specific design information provided in the July 15, 1987 submittal and expects to issue a Safety Evaluation in January 1988. The attached I/S reflects accelerated implementation of security modifications, Class 1E engine diesel generator and electrical system upgrades and intake cooling water system upgrades which impact the ATWS schedules. In addition, the final engineering and procurement activities subsequent to NRC review and approval of the necessary plant-specific design impacts the overall schedule.

Based on the significance of the items receiving accelerated implementation identified above, design activities, procurement and the I/S process described in this Safety Evaluation used to establish the schedules, the staff has determined that the request is timely and that an extension should be granted.

We therefore grant your request to delay the implementation of the ATWS modifications required by 10 CFR 50.62 for one refueling cycle for each unit.

6.0 SUMMARY

On the basis of the above considerations, the staff has determined that:

1. The request by FPL that its Integrated Scheduling Plan be implemented by a license condition requiring the utility to follow the Plan is acceptable.

2. The licensee's request that changes to implementation dates imposed by an existing rule, license condition, or order will continue to be sought through the exemption or order date extension process is acceptable.

3. The request that schedules for new requirements be established on a plant-specific basis is reasonable.

4. The request to rescind existing confirmatory orders for Schedule A COFO items is not being considered as part of this licensing action.

5. The attached baseline I/S schedule is reasonable and any changes to completion dates for items in this schedule will be incorporated in the monthly I/S, following the issuance of the amendments supporting the I/S, and, as a minimum, provided to the NRC on a semiannual basis.

6. The proposed license condition and the Plan are equivalent to those previously approved by the NRC for other licensees.

7.0 ENVIRONMENTAL CONSIDERATION

These amendments involve changes in the installation or use of the facilities components located within the restricted areas as defined in 10 CFR 20. The staff has determined that these amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). These amendments also involve changes in record-keeping, reporting or administrative procedures or requirements. Accordingly, with respect to these items, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

8.0 CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: November 23, 1987

Principal Contributors:

D. McDonald
B. Wilson
R. Brewer
H. Christensen

Attachments:

1. I/S Plan
2. Schedules - I/S Turkey Point Plant dated November 1987

PLAN FOR THE INTEGRATED SCHEDULING OF PLANT MODIFICATIONS FOR TURKEY POINT UNITS 3 & 4

I. Florida Power & Light Company (FPL) has developed a comprehensive program which will enable the Company to effectively manage implementation of certain modifications which have been required or proposed by the NRC, as well as other measures to enhance plant safety and reliability which have been identified by the Company. This program, identified as "Instructions for the Administration of the Integrated Schedule Program at Turkey Point Units 3 & 4" has been developed, and was submitted to the NRC for information with the application for license amendment.

This program was developed to coordinate and schedule all necessary work at Turkey Point, whether mandated by NRC or identified by FPL and others. The program objectives are to (1) conform to regulatory requirements; (2) provide sufficient lead times for modifications; (3) minimize changes for operators; (4) assure training requirements are fulfilled; (5) effectively manage financial and human resources; and (6) specify the framework for changes to developed schedules.

The program reflects that fiscal and manpower resources are finite and that a limit on the onsite manpower is necessary. The program integrates all presently planned work at Turkey Point over a nominal five year period to ensure that individual tasks are effectively scheduled and coordinated. It provides a means for new requirements to be accommodated taking into account schedule and resource constraints.

The purpose of this document is to describe the plan used to implement the program (the Plan). It describes how the program functions, mechanisms for changing the Plan and updating it, and the interactions of the NRC and licensee staffs under the Plan, and its associated schedules.

II. Summary of Program Development

The program is based on a computer generated listing of several hundred items of prioritized work. The listing takes into account projections for budgets and site manpower and engineering support requirements for five years, on an item-by-item basis covering all plant modification activities. It represents a total Turkey Point work list and commitment list, which is regularly modified and updated to meet changing conditions, including new NRC regulatory requirements. The final product of this program is the development of schedules as discussed below.

III. Scheduling

Upon completion of the Turkey Point work and commitment list, the tasks were organized into Schedules A and B using a computerized system and its resource - constrained scheduling capabilities. Both Schedules are briefly described below:

Schedule A - All items that have implementation dates mandated by NRC rules, orders, or license conditions.

Schedule B - Regulatory items (of either a generic or plant specific nature) identified by NRC which have implementation dates committed to by FPL and which would result in either a) plant modifications, b) procedure revisions, or c) changes in facility staffing requirements; or items perceived by FPL as prospective NRC requirements; or major FPL tasks resulting from mandates of agencies other than NRC and FPL initiated system upgrades.

Schedule A dates may be modified only with the prior approval of NRC, in accordance with existing NRC procedures. Changes in Schedule B dates require written notification to NRC as described in Section V. Schedules A and B, taken together, provide a basis for assessing the overall effects of changes to schedules and a departure point for discussion between NRC and the licensee regarding such changes, as discussed below.

IV. Schedule Modifications

An important aspect of FPL's planning effort is the recognition that the schedules will need to be modified at times to reflect changes in regulatory requirements, to accommodate those activities that FPL finds necessary to improve plant efficiency and reliability, and to take into account delays resulting from events beyond FPL's control. It is important that the procedure used by FPL for changing the schedules be documented.*/ In addition, the NRC must play a role in the oversight of the scheduling process (and must, in fact, judge the acceptability of proposed date changes in Schedule A). Accordingly, it is important that the NRC's role, and the interaction between the NRC and FPL , be clearly defined, as discussed below.

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*/ Schedules A and B will contain sufficient detail to identify those items with completion dates keyed to fuel cycle outages. In such cases, a change in outage period shall not be considered a schedule change.

V. FPL Responsibilities

The integrated schedule requires that FPL monitor the progress of all work undertaken, manage its activities to maintain the schedule, and act promptly to take necessary actions when a schedule change is needed.

A. Periodic Updating

FPL will update Schedules A and B semi-annually and submit the revised schedules to NRC, beginning six months following NRC concurrence in the Plan. In addition to updating the schedules, FPL will:

- Summarize progress in implementing NRC requirements concerning plant modifications
- Identify changes since the last report
- Summarize the reasons for schedule changes associated with regulatory requirements.

B. Changes to Schedules

Changes to the schedules may arise from a variety of reasons, such as new work activities; modifications in the scope of scheduled work; problems in delivery, procurement, etc.; changes in NRC rules and regulations; or other NRC or FPL actions.

Where it is necessary to add a new work item or to change the schedule for an item, the following general guidance will be utilized to the extent appropriate:

- Assess the priority of the work item and its safety significance
- Schedule the new or changed item to avoid rescheduling other items, if it can be reasonably achieved
- Alter Schedule B items before Schedule A items
- Select a schedule for the new or changed item which will help in maintaining an optimum integrated program of work.

As noted above, no changes will be made in Schedule A without prior NRC approval. Should a change become necessary, it will only be proposed after FPL has determined that rescheduling of non-NRC required work items either will not significantly assist in maintaining Schedule A without change; or that the safety, cost or schedule penalties from rescheduling non-NRC required work significantly outweigh the change in a Schedule A completion date. FPL will inform the NRC Project Manager when serious consideration is given to requesting a change in Schedule A. When FPL determines that a change in Schedule A is necessary, it will submit a written request for NRC approval in accordance with applicable procedures.

Work items in Schedule B may be rescheduled or work items may be added to Schedule B by FPL without NRC approval; however, FPL will inform the NRC Project Manager when serious consideration is given to changing the schedule for or adding an item in Schedule B.

In addition, at least 30 days (unless otherwise agreed to by the NRC Project Manager or unless circumstances beyond FPL's control arise within 30 days of the scheduled date) before FPL adopts a change for an item in Schedule B (as defined in Section III above), it will provide the NRC written notification thereof, including the reasons therefor and any compensatory actions instituted. If not provided 30 days in advance, such notification will be provided by FPL as promptly as practicable. NRC may request further explanation or discussion concerning such change. In this event, discussions will be initiated with the NRC Project Manager. However, FPL changes in scheduled dates will be effective unless subsequently modified by FPL.

VI. NRC Review

As pointed out in Section V.B above, changes to the schedules are inevitable. Action required by NRC is discussed below:

A. FPL Originated Changes

1. Upon receipt from FPL of a request for modification of Schedule A, NRC will act promptly (consistent with resource availability and priority of other work) to consider and decide on the request in accordance with applicable procedures.

2. If the request for a modification of Schedule A is denied, NRC shall promptly inform FPL and provide the reasons for denial.

3. NRC consideration of FPL changes in non-Schedule A items is covered by V.B.

B. NRC Originated Changes (Schedule A)

It is recognized that formal NRC regulatory actions may: (1) impose a new regulatory requirement with a fixed date or (2) establish a firm date for a previously identified regulatory requirement. In taking any such action the NRC, to the extent consistent with its overall regulatory responsibilities and, unless public health, safety, or interest require otherwise, will take into account the impact of such action on FPL's ability to complete effectively the items on Schedules A, and B, and, in consultation with FPL, will try to minimize such impact. Although any formal regulatory action taken by the NRC will be effective in accordance with its terms without inclusion in Schedule A, the NRC and FPL recognize the desirability of incorporating such action into Schedule A, particularly in order to incorporate at the same time any other appropriate changes in the total integrated schedule program. Accordingly, once such formal regulatory action is taken (or earlier, if practicable), the NRC will provide FPL a reasonable opportunity to propose overall changes in the total integrated schedule program which would most effectively accommodate such requirements. Any resulting changes in items in

Schedule A will be approved by NRC in accordance with established procedures, and will thereupon be reflected in a revised Schedule A submitted by FPL. FPL will inform the NRC of any resulting changes in Schedule B in accordance with Section V. above.

C. New NRC Issues (Schedule B)

The NRC may, from time to time, identify new regulatory issues which may result in a) plant modifications, b) procedure revision or development, or c) changes in facility staffing requirements. For issues as to which NRC requests scheduling information, these issues may be included in Schedule B in accordance with the date commitment developed in discussions between FPL and the NRC staff. As for the case of NRC-originated changes to Schedule A items, the NRC will provide FPL a reasonable opportunity to propose overall changes in the total integrated schedule program which would most effectively accommodate such issues. Any resulting changes in integrated program schedules will thereupon be reflected in a revised Schedule B submitted by FPL.

VIII. Modifications to the Plan

The licensee and the NRC recognize the Plan itself may require future modifications. Accordingly, FPL will draft proposed modifications and submit a license amendment application for approval of the proposed changes. The changes will be made effective upon amendment issuance by NRC.

ATTACHMENT 2
TO SAFETY EVALUATION

FLORIDA POWER AND LIGHT COMPANY

INTEGRATED SCHEDULE

TURKEY POINT NUCLEAR POWER PLANT

REGULATORY REPORT

NOVEMBER 1987

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DATA DATE 20OCT87

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
T A R G E T S C H E D U L E
LINE BREAK ON NRC COMMITMENT CATEGORIES
LINE BREAK ON CFO SUB SYSTEM

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CFO	POST TMI CONFIRMATORY MODIFICAT"N	C CONTROL ROOM HABITABILITY HVAC	CFO MOD 0014	2JAN85	14JAN88 / 23NOV87
		4 AREA RADIATION MONIT"G SYST REPL	CFO MOD 0342	4JAN88	31DEC90 / 17MAY90
		3 AREA RADIATION MONIT"G SYST REPL	CFO MOD 0341	4JAN88	31DEC90 / 7NOV90
	REMAINING P.E.P. SUB-TASKS	COMPLETION OF PEP/SS TASK	CFO SUMMARY	1AUG84	22SEP89 / 30JUN89
		P4T11.17 U3 SAF ENGR GRP FINAL RPT	CFO MOD 8965	11MAR87	11NOV87 / 11NOV87
		P4T11.18 U3 DRAWING FOLLOWUP	CFO MOD 8967	11MAR87	10JAN88 / 10JAN88
		P1T4 PEP-PHASE IV SITE FAC UPGRD	CFO MOD 0272	24JAN86	31JAN88 / 29JAN88
		P5T3 PEP-PLT REF SIMULATOR	CFO MOD 0214	13FEB87	1MAR88 / 1MAR88
		P1T5 PEP-PHASE V IMPLEMENT"N SITE	CFO MOD 8972	1JAN85	1MAR88 / 1MAR88
		P3T7 PEP-IMPL PHASE 4 PRCDR REVIS"N	CFO MOD 8977	17OCT85	1APR88 / 29APR88
		P4T11.21 U4 SAF ENGR GRP FINAL RPT	CFO MOD 8966	4SEP88	16FEB89 / 16FEB89
		P9T24 PEP-ENHANCE MATLS MGMNT SYST	CFO MOD 8993	17DEC85	1APR89 / 1APR89
		P4T11.22 U4 DRAWING FOLLOWUP	CFO MOD 8968	4SEP88	17APR89 / 17APR89
		S NORM CNTMT CLRS SEL SYS DSN VERIF	CFO MOD 1201	26FEB88	20AUG89 / 3MAY89
		C ECC SEL SYS DESIGN VERIFICATION	CFO MOD 0985	16MAR88	8MAY89 / 8MAY89
		C EC FILTER SEL SYS DSN VERIFICAT"N	CFO MOD 0986	16MAR88	8MAY89 / 8MAY89
		C MS ISOL SEL SYS DSN VERIFICATION	CFO MOD 0982	28MAR88	11JUN89 / 18MAY89
		C CTMT ISOL SEL SYS DSN VERIFICAT"N	CFO MOD 0983	28MAR88	10JUL89 / 18MAY89
		C IA SEL SYS DESIGN VERIFICATION	CFO MOD 0989	28MAR88	9JUN89 / 18MAY89
		C CHEM/VOL CNTL SEL SYS DSN VERIF	CFO MOD 0994	5APR88	27MAY89 / 26MAY89
		C AFW SEL SYS DESIGN VERIFICATION	CFO MOD 0981	8APR88	8JUL89 / 1JUN89

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CFO	REMAINING P.E.P. SUB-TASKS	S ARMS SEL SYS DESIGN VERIFICATION	CFO MOD 1199	28MAR88	15SEP89 / 2JUN89
		C CTMT SPRAY SEL SYS DSN VERIFICATN	CFO MOD 0984	12APR88	2JUL89 / 5JUN89
		C ICW SEL SYS DESIGN VERIFICATION	CFO MOD 0988	12APR88	12JUN89 / 5JUN89
		S PRMS SEL SYS DESIGN VERICATION	CFO MOD 1200	29MAR88	22SEP89 / 5JUN89
		C VTL AC/DC PWR SEL SYS DSN VERIF	CFO MOD 0993	20APR88	16JUL89 / 13JUN89
		S RPS SEL SYS DESIGN VERIFICATION	CFO MOD 1198	18MAY88	7AUG89 / 13JUN89
		C CCW SEL SYS DESIGN VERIFICATION	CFO MOD 0987	21APR88	7AUG89 / 14JUN89
		C SI SEL SYS DESIGN VERIFICATION	CFO MOD 0990	21APR88	23JUL89 / 14JUN89
		C RHR SEL SYS DESIGN VERIFICATION	CFO MOD 0991	21APR88	7AUG89 / 14JUN89
		C EMERG AC PWR SEL SYS DESIGN VERIF	CFO MOD 0992	9MAY88	20AUG89 / 30JUN89
	P04-T11.16 U3 SEL SYS MODS/REPAIRS	3 ADD & RELOCATE AFW N2 SUPPLY •• BALANCE OF MOD IS NOT COFO. REPLACE RUPTURE DISCS WITH RELIEF VALVES.	CFO MOD 0215	2DEC87	12SEP87 / 9NOV87
		3 MSIV AIR OPERATOR BACKUP N2 SYST •• BALANCE OF MOD IS NOT COFO. CHANGES ARE PER FPL.	CFO MOD 0267	2DEC85	12SEP87 / 18NOV87
		3 AFW STOP CHECK VALVE FAILURE •• BALANCE OF MOD IS NOT COFO. INSTALL INSULATION AND LAGGING.	CFO MOD 0246	16DEC85	12SEP87 / 27NOV87
		3 INSTALL CCW/TPCW AMERTAP SYSTEM •• BALANCE OF MOD IS NOT COFO. TPCW WORK TO GO.	CFO MOD 0531	15MAY86	30SEP87 / 9FEB88
		3 RHR-INSTL UPGRADED 10" GLOBE VLV	CFO MOD 0519	28MAR88	11MAY89 / 18APR89
	P04-T11.20 U4 SEL SYS MODS/REPAIRS	3 INSTALL WYE STRAINERS ON IA SYS	CFO MOD 0513	15APR86	6NOV88 / 1FEB88
		4 REPLACE RPS TEST SELECTOR SWITCH	CFO MOD 1048	4MAY87	6NOV88 / 8SEP88
		4 DELETE CROM CLR FANS AUTOSTART	CFO MOD 0355	6APR87	6NOV88 / 9SEP88
		4 RHR-INSTL UPGRADED 10" GLOBE VLV	CFO MOD 0565	14MAY87	6NOV88 / 15SEP88
		4 PZR HEATER AC POWER CONTROL	CFO MOD 0428	21APR87	6NOV88 / 19SEP88

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FLORIDA POWER AND LIGHT CO
T A R G E T S C H E D U L E
LINE BREAK ON NRC COMMITMENT CATEGORIES
LINE BREAK ON CFO SUB SYSTEM

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CFO	P04-T11.20 U4 SEL SYS MODS/REPAIRS	C IDENT EXTRANEOUS 1A X-CONNECTIONS	CFO MOD 0511	18JUL86	6NOV88 19SEP88
		C EDG AIR START MOTORS UPGRADE	CFO MOD 0576	18JUL86	6NOV88 22SEP88
		4 INSTALL WYE STRAINERS ON 1A SYST	CFO MOD 1047	23JAN87	6NOV88 27SEP88
		4 INSTALL CCW/TPCW AMERTAP SYSTEM	CFO MOD 0588	15APR87	7DEC88 4NOV88
		4 MSIV AIR OPERATOR BACKUP N2 SYST	CFO MOD 0288	2DEC85	6NOV88 5NOV88
		4 S.I. MINI RECIRC. VALVE REPLACE	CFO MOD 0385	5FEB88	6NOV88 5NOV88
	POST P.E.P. SYSTEMS ARMS /PRMS/NCC	C P&ID QC WKDWN(ARM PRM NCC) O/CTMT	CFO MOD 1041	13JUN86	6AUG88 15DEC87
		C SM PP WD FNCT O/C(ARM PRM & NCC)	CFO MOD 1044	28MAR88	28FEB89 26OCT88
		S ISSUE DRAFT DESIGN BASIS FOR ARMS	CFO MOD 1037	4JAN88	31OCT88 31OCT88
		4 P&ID VERIF WD(ARM PRM NCC) I/CTMT	CFO MOD 1040	12SEP88	6NOV88 4NOV88
		4 SM PP WD-I/C FUNC"N-ARM PRM NCC	CFO MOD 1043	12SEP88	6NOV88 4NOV88
		S ISSUE DRAFT DESIGN BASIS FOR PRMS	CFO MOD 1038	13JAN88	9NOV88 9NOV88
		S ISSUE DRAFT DESIGN BASIS FOR NCC	CFO MOD 1039	13JAN88	9NOV88 9NOV88
		3 SM PP WD FNCT I/C (ARM PRM NCC)	CFO MOD 1045	10MAR89	11MAY89 4MAY89
		3 P&ID QC WKDWN(ARM PRM NCC) I/CTMT	CFO MOD 1042	9MAR89	11MAY89 10MAY89

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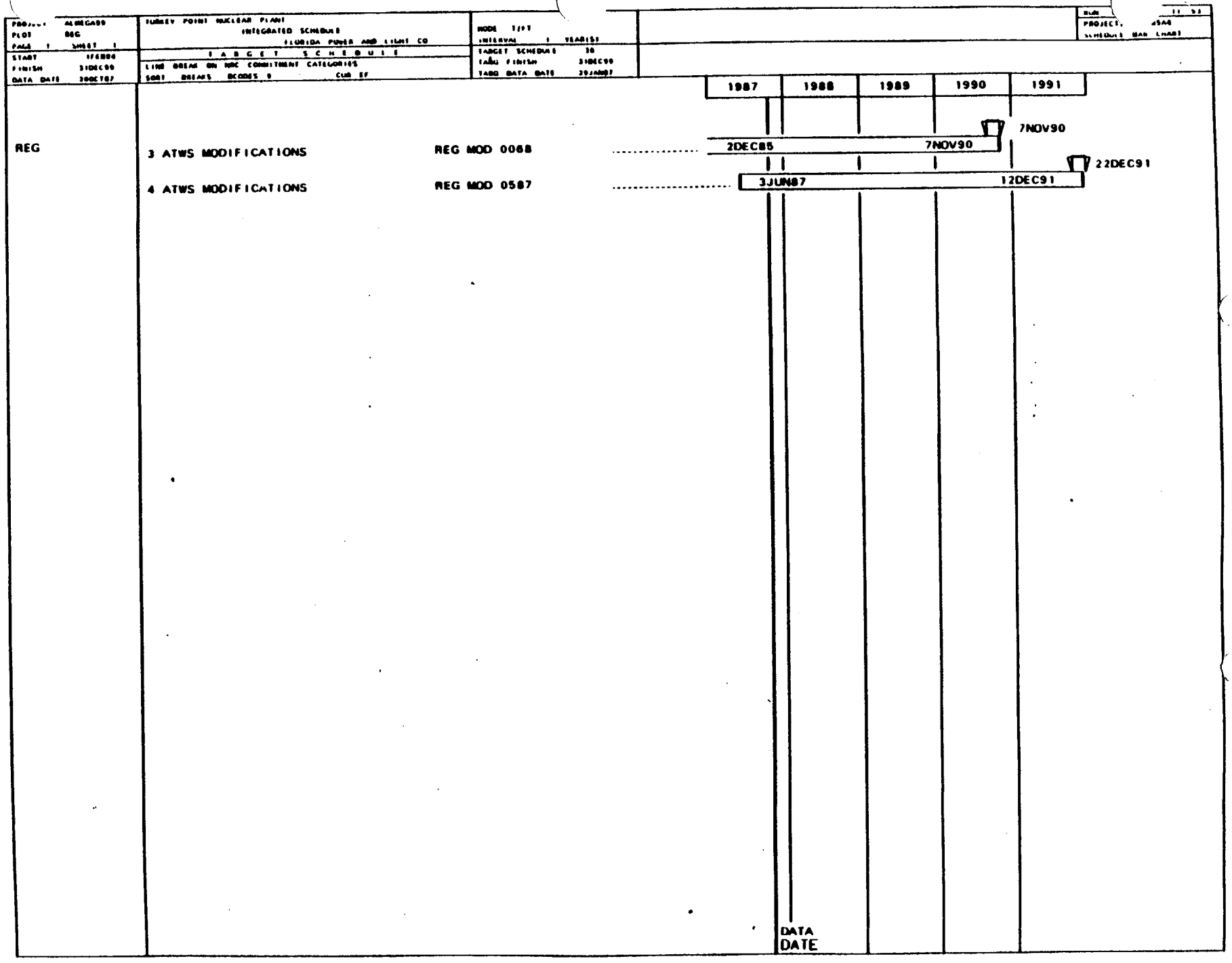

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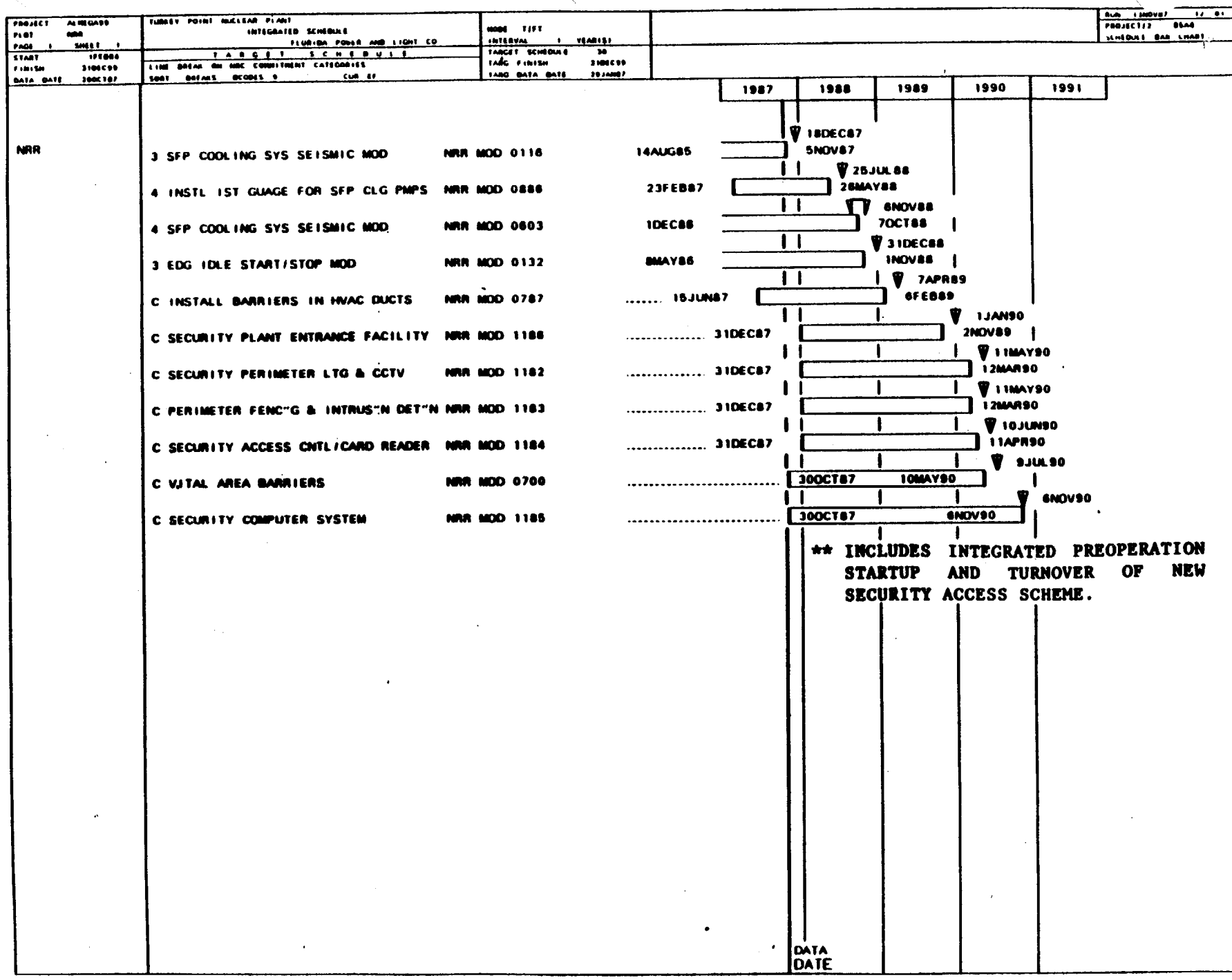

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	C SECURITY LIGHTING UPGRADE	I&E MOD 0104	15JUL85		22DEC87 / 23OCT87			
	S CCW/TPCW/EDG CHROMATE REMOVAL	I&E MOD 0821	2MAY88		27DEC87 / 28OCT87			
	S HGA RELAY - PART 21 REPLACEMENT	I&E MOD 0332	2DEC85		28DEC87 / 29OCT87			
	S STA BATT LD TST REQ-PROP T. SPEC	I&E MOD 0809	10APR87		6FEB88 / 8DEC87			
	S TECHNICAL SPECIFICATION IMPLEMENT	I&E MOD 0748	1FEB84		8MAR88 / 8JAN88			
	3 AFW FLOW TRANSMITTER REPLACEMENT	I&E MOD 0250	3JUN88		12MAR88 / 12JAN88			
	C AFW PMP/TURB GOV BLEEDDOWN DEVICE	I&E MOD 0227	16DEC85		20MAR88 / 20JAN88			
	S REV FSAR TO INCL GOULDS GNB BATT	I&E MOD 0804	20JAN88		8MAY88 / 9MAR88			
	S EVAL CURRENT OPER OF CCW PUMPS	I&E MOD 0811	20JAN88		8MAY88 / 9MAR88			
	S OPER PRCDR 4704.6 ECC ACCEP CRIT	I&E MOD 0825	20JAN88		17MAY88 / 18MAR88			
	S REV T. SPEC TO CNTMT ISOL VLV	I&E MOD 0826	20JAN88		17MAY88 / 18MAR88			
	4 ICW CHECK VLV REPL/PERM FIX	I&E MOD 0403	24APR87		20MAY88 / 21MAR88			
	S RHR TECH SPEC REVISIONS	I&E MOD 0819	20JAN88		21MAY88 / 22MAR88			
	S 3C CCW PUMP SHAFT SEAL LEAKAGE	I&E MOD 0812	20JAN88		22MAY88 / 23MAR88			
	S MTR SHFT BRG FIT ACC CRI-CCW PMPS	I&E MOD 0814	20JAN88		22MAY88 / 23MAR88			
	S TEMP SETPOINT FOR H2 ANALYZER	I&E MOD 0833	20JAN88		22MAY88 / 23MAR88			
	S PENETR 27 ADD RV-8223&SGWL AS CIV	I&E MOD 0830	27JAN88		23MAY88 / 24MAR88			
	S PENETR 24 CK VLV VS. ISI PROGRAM	I&E MOD 0831	20JAN88		28MAY88 / 29MAR88			
	S ECF DRAIN LOOP SEALS EVAPORATION	I&E MOD 0801	22JAN88		11JUN88 / 12APR88			
	S PROVIDE NPSH INFO ON RHR PUMPS	I&E MOD 0818	22JAN88		11JUN88 / 12APR88			

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DATA DATE 30OCT87

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
T A R G E T S C H E D U L E
LINE BREAK ON NRC COMMITMENT CATEGORIES
SORT BREAKS BCODES 9 CUR 0?

MODE TIPT
INTERVAL 1 YEAR(S)
TARGET SCHEDULE 30
TARG FINISH 31DEC99
TARG DATA DATE 30JAN87

RUN 19NOV87 12:00
PROJECT(S) 85A6
(TIMESCALE BAR CHART)

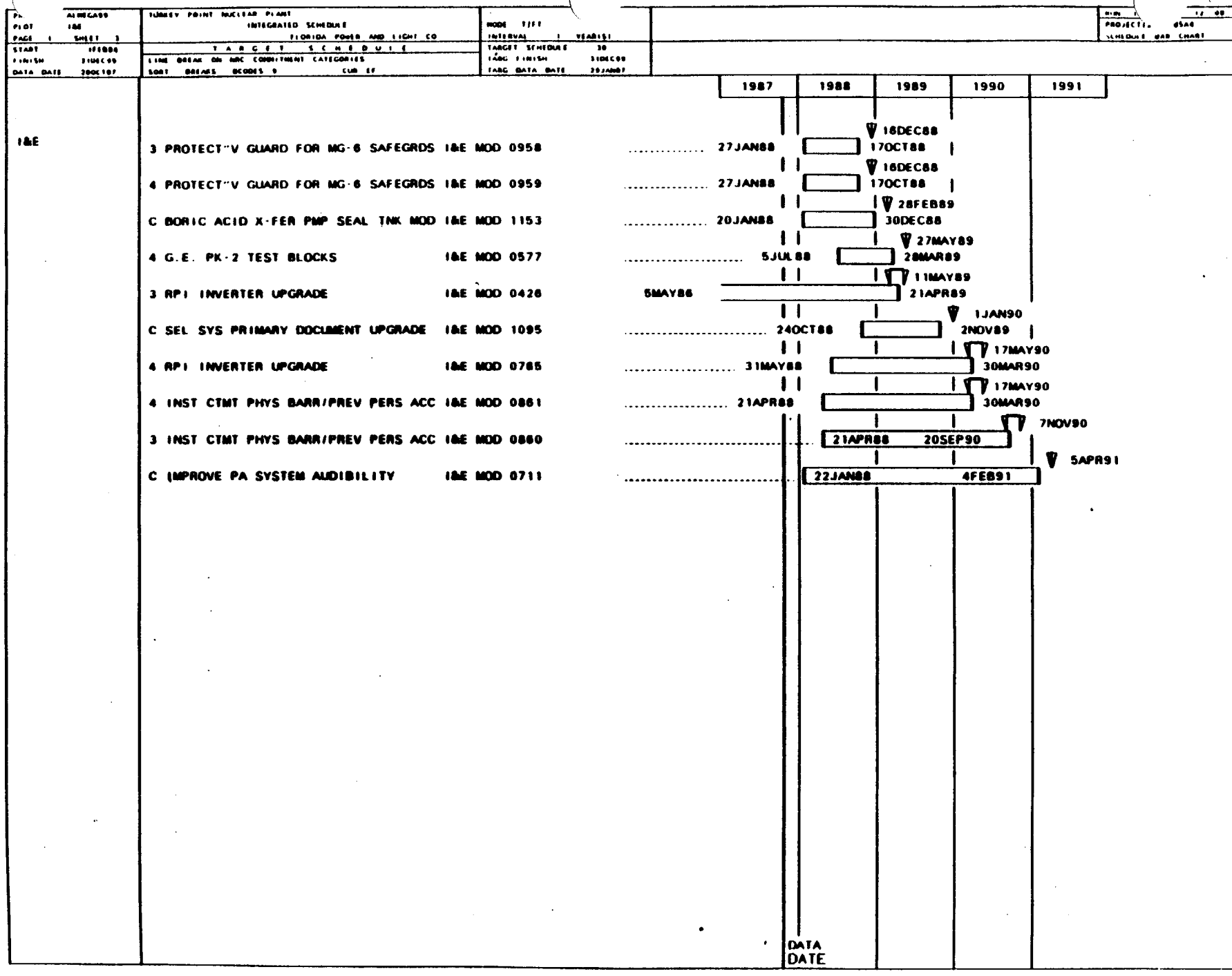
I&E

S PENETR #30 CV-8165 REQ INSTR AIR	I&E MOD 0832	22JAN88	11JUN88	12APR88
S LK RATE SPEC ELEC PENET RCP 4160V	I&E MOD 0834	22JAN88	11JUN88	12APR88
S MSI VERIFY STROKE LENGTH	I&E MOD 0837	27JAN88	11JUN88	12APR88
S PROC TP221 FOR O&M OF STA BATTERY	I&E MOD 0803	22JAN88	14JUN88	15APR88
S RHR VALVE OPERABILITY 864 & OTHER	I&E MOD 0820	22JAN88	14JUN88	15APR88
S EXCESS AC/DC CNTL CKT VOLT DROP	I&E MOD 0805	5NOV86	24JUN88	25APR88
S RHR VLV OPERABILITY (606 & 758)	I&E MOD 0816	8FEB88	26JUN88	27APR88
S MSI REVISE MAINTENANCE PROCEDURES	I&E MOD 0839	22JAN88	15JUL88	16MAY88
S CLOSEOUT IE INFO NOTICE 84-88	I&E MOD 0398	5JAN87	18JUL88	19MAY88
3 ICW CHECK VLV REPL/PERM FIX	I&E MOD 0402	22DEC86	18JUL88	19MAY88
S PENETR #18 ELIM ONE VALVE AS CIV	I&E MOD 0829	25MAR88	18JUL88	19MAY88
C INTAKE SUB BUSTER&WATER LVL MEANS	I&E MOD 0721	1APR86	31JUL88	1JUN88
C AFW PMP/TURB AREA VITAL BARR. UPG	I&E MOD 0222	11DEC85	10SEP88	12JUL88
C CABLE TRAY MODIFICATIONS	I&E MOD 0011	26NOV84	30OCT88	4AUG88
S CNTMT ISOL SYS STROKE TIME - MOV	I&E MOD 0827	24MAR88	7OCT88	8AUG88
4 STUD & BOLT THREAD ENGAGEMENT	I&E MOD 0999	14JUL87	28OCT88	29AUG88
S EVALUATE EDG EQUIPMENT MODS	I&E MOD 0710	14APR88	6NOV88	6SEP88
C EF FLOW SWITCH OPEN ON LOSS POWER	I&E MOD 0843	27JAN88	6NOV88	8SEP88
C EDG START"G AIR SYS/ADD AIR DRYER	I&E MOD 0810	18JUL86	6NOV88	13SEP88
S MSI VALVE OPEN"G PROBLEM SOLUTION	I&E MOD 0836	13JUL88	18NOV88	19SEP88
S 125V DC POWER PARTIAL LOSS	I&E MOD 0847	11JUL88	2DEC88	30OCT88

1987 1988 1989 1990 1991

DATA DATE

NOTES: ▼ INDICATES NON-OUTAGE N.R.C. COMMITMENT DATE
⌐¬ INDICATES OUTAGE RELATED N.R.C. COMMITMENT DAT



NOTES: ▼ INDICATES NON-OUTAGE N.R.C. COMMITMENT DATE

⌐⌐ INDICATES OUTAGE RELATED N.R.C. COMMITMENT DATE

PROJECT: ALNEGA99
PLOT: ORA
PAGE 1 SHEET 1
START 1FEB84
FINISH 31DEC99
DATA DATE 20OCT87

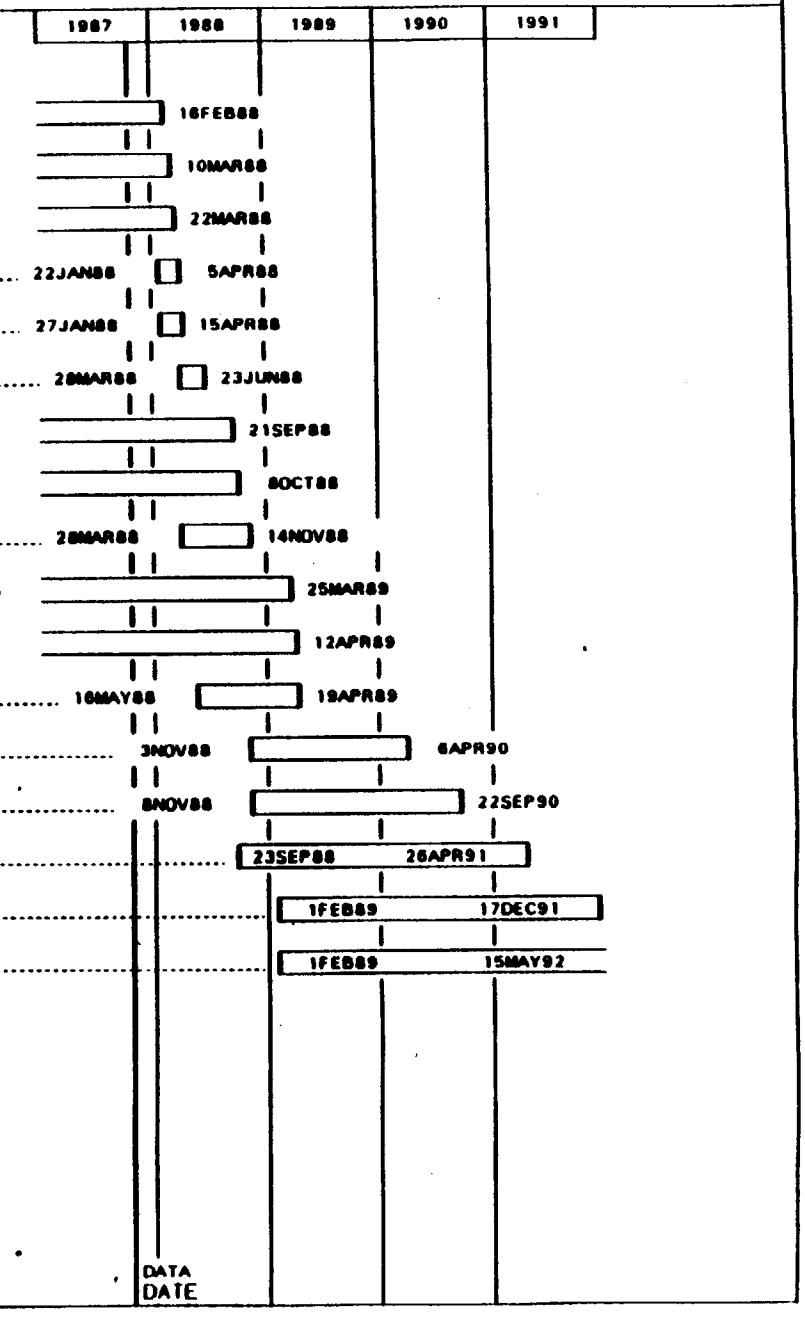
TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
TARGET SCHEDULE
LINE BREAK ON NRC COMMITMENT CATEGORIES
SORT BREAKS GLODES 9 , CUS 0

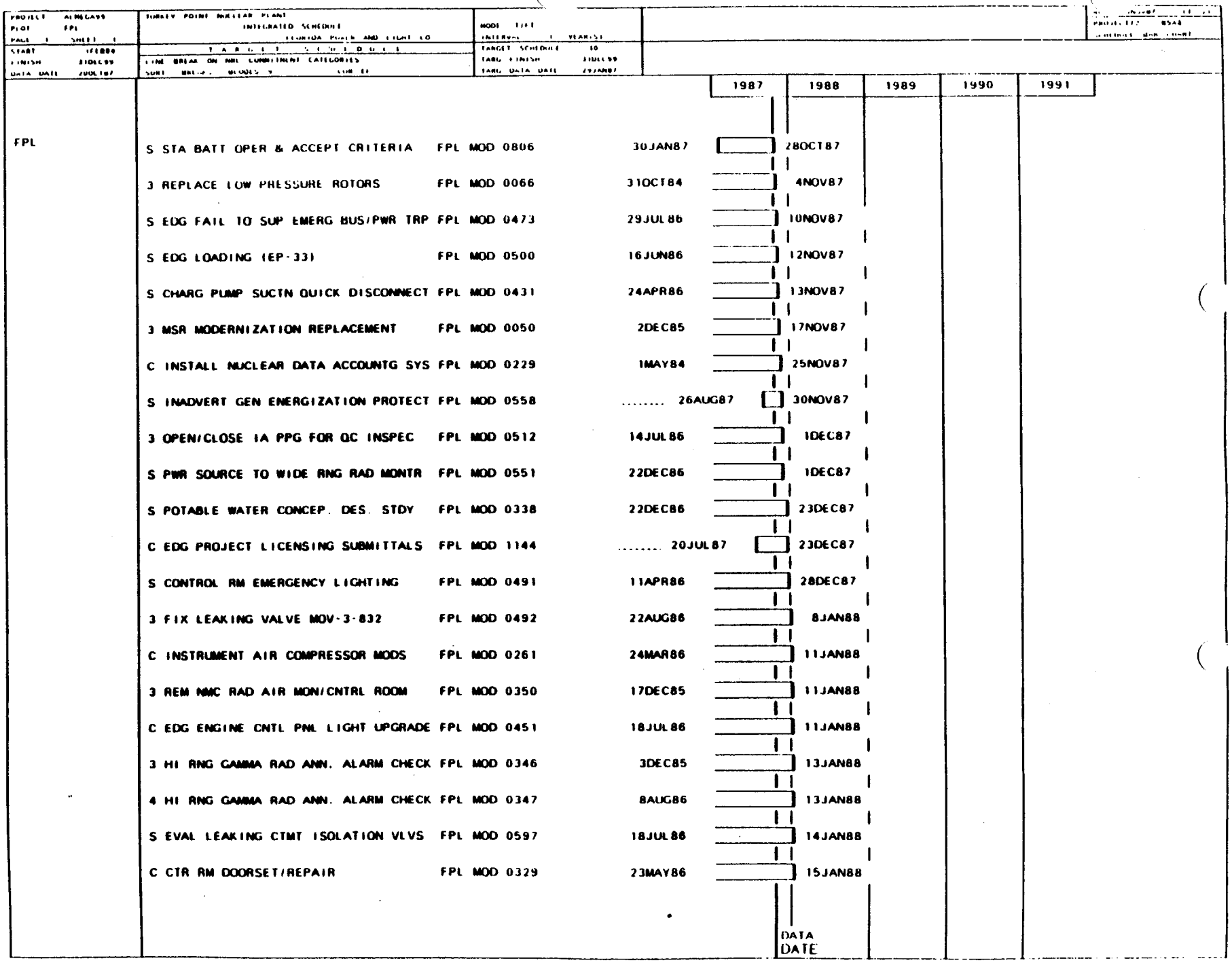
MODE T/FT
INTERVAL 1 YEAR(S)
TARGET SCHEDULE 38
TARG FINISH 31DEC99
TARG DATA DATE 20JAN87

PROJECT: USAG
SCHEDULE BAR CHART

ORA

C	GAS ANALYZER SYSTEM MOD	ORA MOD 0038	22DEC86	16FEB88
S	STATION BATTERY LOADING EVAL	ORA MOD 0407	2DEC85	10MAR88
C	WASTE NEUTR & WTP SYSTEM MOD	ORA MOD 0042	9JAN86	22MAR88
S	NUREG 0737-20-1 FEED WATER	ORA MOD 0761	22JAN88	5APR88
S	REVW NON EMER TRIPS SER 25-85	ORA MOD 0508	27JAN88	15APR88
S	CST/DIST OXYGEN REMOVAL SYSTEM	ORA MOD 0782	28MAR88	23JUN88
4	EXTRACTION STEAM DRAIN LINES	ORA MOD 0574	2SEP86	21SEP88
4	GENERATOR H2 MONITORING SYSTEM	ORA MOD 0582	20OCT86	8OCT88
S	LOSS OF RHR SOER (RHR-0003)	ORA MOD 0518	28MAR88	14NOV88
3	EXTRACTION STEAM DRAIN LINES	ORA MOD 0564	6JAN86	25MAR89
3	GENERATOR H2 MONITORING SYSTEM	ORA MOD 0567	14JUL86	12APR89
C	WTR TRMT PLT IN-LINE CHEM MONITOR	ORA MOD 0767	16MAY88	19APR89
4	LOAD CENTERS PCB OIL REMOVAL	ORA MOD 1081	3NOV88	6APR90
3	LOAD CENTERS PCB OIL REMOVAL	ORA MOD 0681	8NOV88	22SEP90
C	UPGD PAX PHONE SYS & 85 MODULES	ORA MOD 0649	23SEP88	26APR91
4	SECONDARY CHEM INLINE MONITORS	ORA MOD 0103	1FEB89	17DEC91
3	SECONDARY CHEM INLINE MONITORS	ORA MOD 0102	1FEB89	15MAY92




1987
1988
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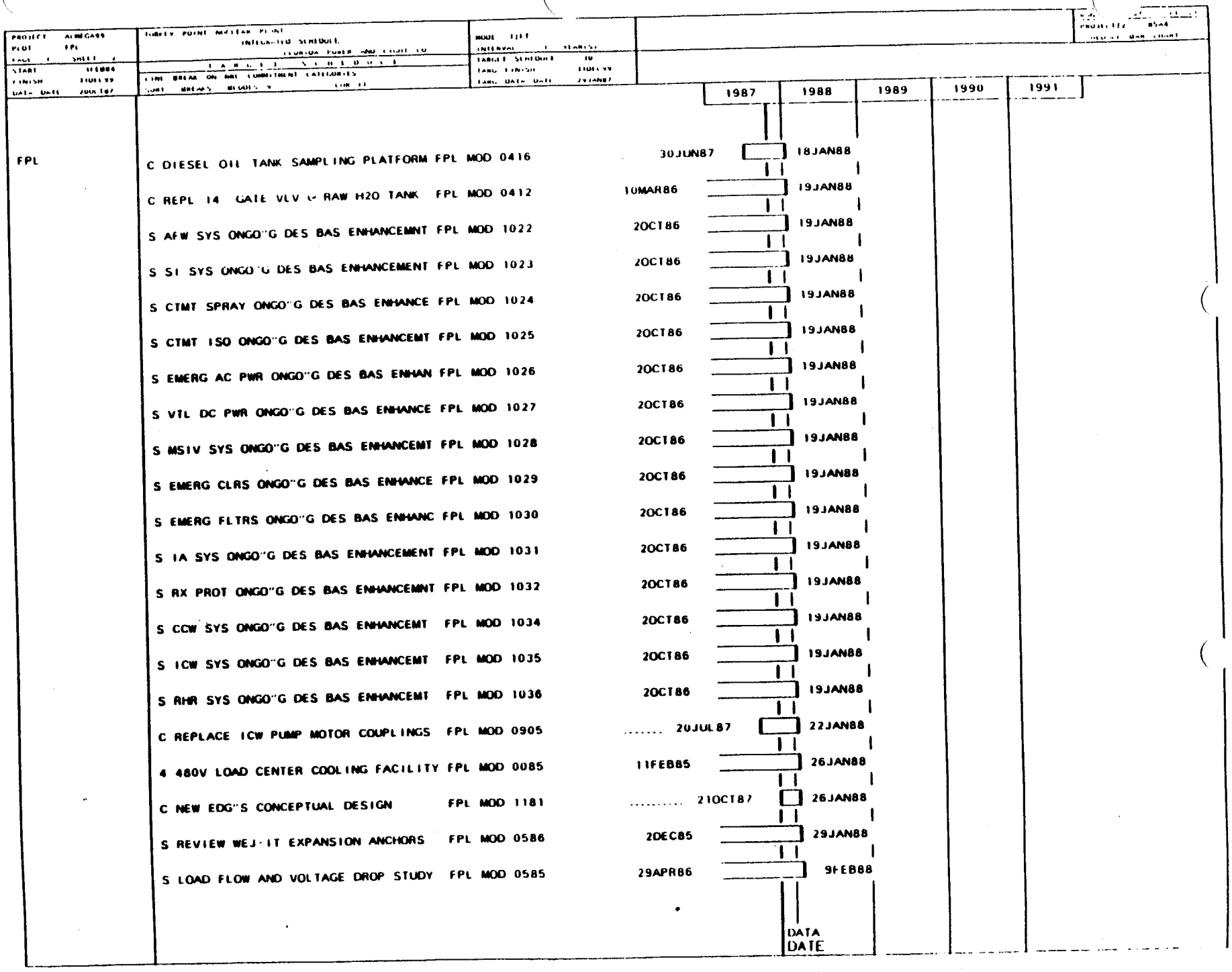
FPL
S STA BATT OPER & ACCEPT CRITERIA FPL MOD 0806 30JAN87 28OCT87
3 REPLACE LOW PRESSURE ROTORS FPL MOD 0066 31OCT84 4NOV87
S EDG FAIL TO SUP EMERG BUS/PWR TRP FPL MOD 0473 29JUL86 10NOV87
S EDG LOADING (EP-33) FPL MOD 0500 16JUN86 12NOV87
S CHARG PUMP SUCTN QUICK DISCONNECT FPL MOD 0431 24APR86 13NOV87
3 MSR MODERNIZATION REPLACEMENT FPL MOD 0050 2DEC85 17NOV87
C INSTALL NUCLEAR DATA ACCOUNTG SYS FPL MOD 0229 1MAY84 25NOV87
S INADVERT GEN ENERGIZATION PROTECT FPL MOD 0558 ..... 26AUG87 30NOV87
3 OPEN/CLOSE IA PPG FOR QC INSPEC FPL MOD 0512 14JUL86 1DEC87
S PWR SOURCE TO WIDE RNG RAD MONTR FPL MOD 0551 22DEC86 1DEC87
S POTABLE WATER CONCEP. DES. STDY FPL MOD 0338 22DEC86 23DEC87
C EDG PROJECT LICENSING SUBMITTALS FPL MOD 1144 ..... 20JUL87 23DEC87
S CONTROL RM EMERGENCY LIGHTING FPL MOD 0491 11APR86 28DEC87
3 FIX LEAKING VALVE MOV-3-832 FPL MOD 0492 22AUG86 8JAN88
C INSTRUMENT AIR COMPRESSOR MODS FPL MOD 0261 24MAR86 11JAN88
3 REM NMC RAD AIR MON/CNTRL ROOM FPL MOD 0350 17DEC85 11JAN88
C EDG ENGINE CNTL PNL LIGHT UPGRADE FPL MOD 0451 18JUL86 11JAN88
3 HI RNG GAMMA RAD ANN. ALARM CHECK FPL MOD 0346 3DEC85 13JAN88
4 HI RNG GAMMA RAD ANN. ALARM CHECK FPL MOD 0347 8AUG86 13JAN88
S EVAL LEAKING CTMT ISOLATION VLVS FPL MOD 0597 18JUL86 14JAN88
C CTR RM DOORSET/REPAIR FPL MOD 0329 23MAY86 15JAN88
DATA DATE


1987
1988
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FPL
C DIESEL OIL TANK SAMPLING PLATFORM FPL MOD 0416 30JUN87 18JAN88
C REPL 14 GATE VLV @ RAW H2O TANK FPL MOD 0412 10MAR86 19JAN88
S AFW SYS ONGO"G DES BAS ENHANCEMNT FPL MOD 1022 20CT86 19JAN88
S SI SYS ONGO"G DES BAS ENHANCEMENT FPL MOD 1023 20CT86 19JAN88
S CTMT SPRAY ONGO"G DES BAS ENHANCE FPL MOD 1024 20CT86 19JAN88
S CTMT ISO ONGO"G DES BAS ENHANCEMT FPL MOD 1025 20CT86 19JAN88
S EMERG AC PWR ONGO"G DES BAS ENHAN FPL MOD 1026 20CT86 19JAN88
S VTL DC PWR ONGO"G DES BAS ENHANCE FPL MOD 1027 20CT86 19JAN88
S MSIV SYS ONGO"G DES BAS ENHANCEMT FPL MOD 1028 20CT86 19JAN88
S EMERG CLRS ONGO"G DES BAS ENHANCE FPL MOD 1029 20CT86 19JAN88
S EMERG FLTRS ONGO"G DES BAS ENHANC FPL MOD 1030 20CT86 19JAN88
S IA SYS ONGO"G DES BAS ENHANCEMENT FPL MOD 1031 20CT86 19JAN88
S RX PROT ONGO"G DES BAS ENHANCEMNT FPL MOD 1032 20CT86 19JAN88
S CCW SYS ONGO"G DES BAS ENHANCEMT FPL MOD 1034 20CT86 19JAN88
S ICW SYS ONGO"G DES BAS ENHANCEMT FPL MOD 1035 20CT86 19JAN88
S RHR SYS ONGO"G DES BAS ENHANCEMT FPL MOD 1036 20CT86 19JAN88
C REPLACE ICW PUMP MOTOR COUPLINGS FPL MOD 0905 20JUL87 22JAN88
4 480V LOAD CENTER COOLING FACILITY FPL MOD 0085 11FEB85 26JAN88
C NEW EDG"S CONCEPTUAL DESIGN FPL MOD 1181 21OCT87 26JAN88
S REVIEW WEJ-IT EXPANSION ANCHORS FPL MOD 0586 2DEC85 29JAN88
S LOAD FLOW AND VOLTAGE DROP STUDY FPL MOD 0585 29APR86 9FEB88
DATA DATE

PROJECT ALNEGA99
PLOT FPL
PAGE 1 SHEET 1
START 1FEB84
FINISH 31DEC99
DATA DATE 20OCT87

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
T A R G E T   S C H E D U L E
LINE BREAK ON NRC COMMITMENT CATEGORIES
SORT BREAKS BCODES 9 FOR 1F

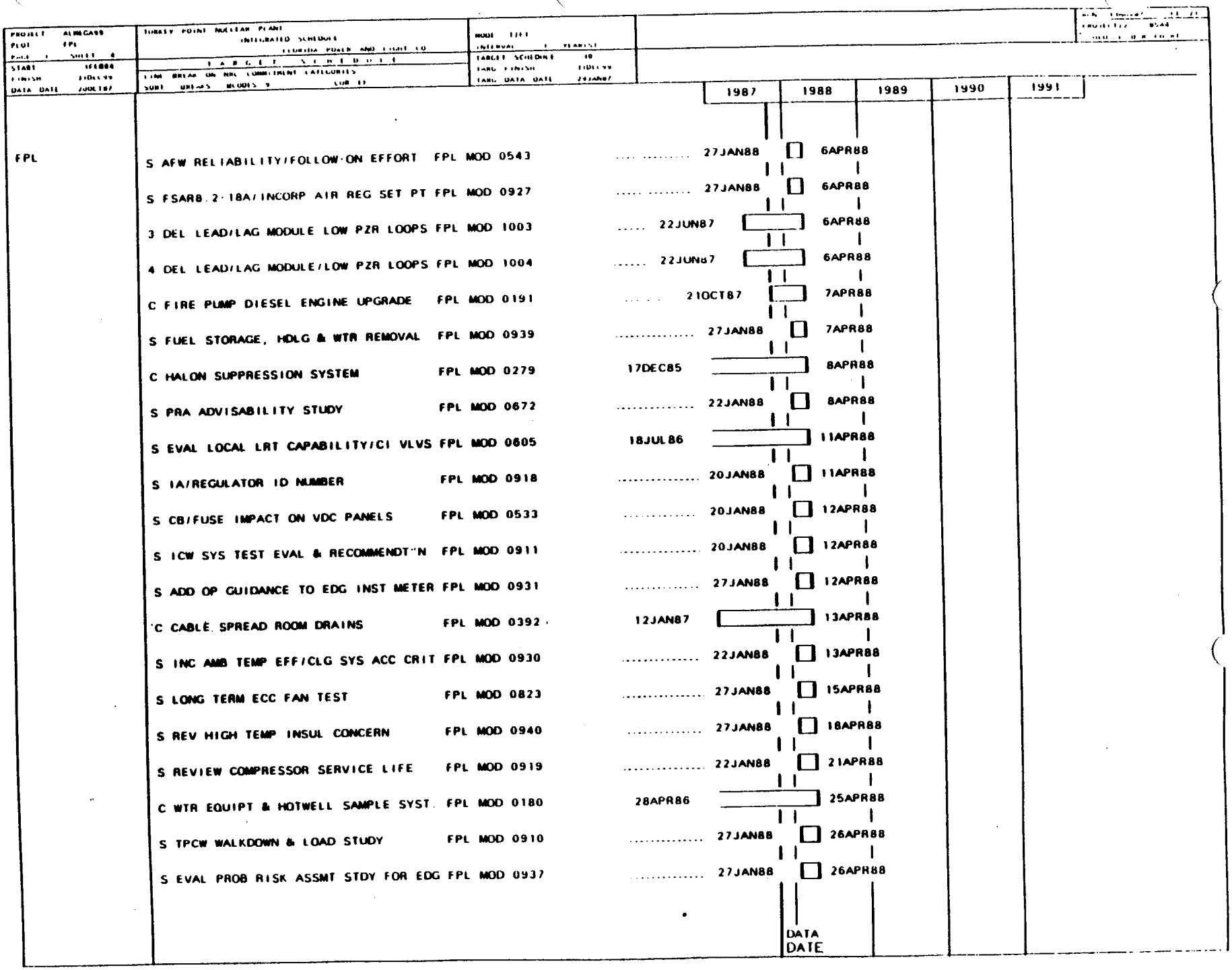
MODE TIME
INTERVAL 1 YEAR(S)
TARGET SCHEDULE 10
TARG FINISH 31DEC99
TARG DATA DATE 29JAN87

1987 | 1988 | 1989 | 1990 | 1991

FPL

3 G E PK-2 TEST BLOCKS	FPL MOD 0453	30JAN86	10FEB88
3 REPL AUTO XFR SWITCH DP312A	FPL MOD 1149	..... 15JUN87	10FEB88
3 REPL CCW HX THERMOMETERS W/RTD''S	FPL MOD 0417	17DEC86	12FEB88
S EVAL EDG EXCEEDING FREQ LIMIT	FPL MOD 0454	9JUN86	24FEB88
S IDENT 125V/VITAL INSTR BUS MODS	FPL MOD 0488	15JUL86	25FEB88
S GUYON ALLOYS 10CFR PART 21	FPL MOD 0633	.... 15JAN88	10MAR88
C BREATHING AIR COMPRESSOR	FPL MOD 0087	20JAN86	11MAR88
S BOUNDARIES FOR VISUAL LEAK INSP	FPL MOD 0396	6JAN87	11MAR88
C REPL OBSOLETE ASCO SOLENOID VLVS	FPL MOD 0358	22DEC86	16MAR88
S CNTMT BLDG PROT COATINGS TESTING	FPL MOD 0651	.... 22JAN88	16MAR88
C TEDB SITE CONTRACTOR ENGR SUPPORT	FPL MOD 0760	.... 20JAN88	18MAR88
S AMEND FSAR/ICW MAX INLT TEMP	FPL MOD 0909	.... 20JAN88	22MAR88
S AFW PUMP TURBINE LUBE OIL SETPTS.	FPL MOD 0544	.... 20JAN88	24MAR88
S EVAL CCW HX BSKT STRNR NOZZLE LDS	FPL MOD 0908	.... 20JAN88	25MAR88
S FLAG 1 LINE BKUP RELAY PROT ADDN	FPL MOD 0726	.... 20JAN88	28MAR88
S BORIC ACID STOR TK LVL XMTR CALIB	FPL MOD 0530	.... 27JAN88	29MAR88
S S/U MTR DISC SW/INT-LCK A CTL REM	FPL MOD 0741	.... 22JAN88	30MAR88
S U3 MSIV LINE PIN DAMAGE CAUSE	FPL MOD 0944	.... 20JAN88	30MAR88
4 REWIRE LIMIT SW FOR MOV 750, 751	FPL MOD 0390	22DEC86	1APR88
S EVAL NEW CONN FOR TESTING PENET	FPL MOD 0947	.... 22JAN88	4APR88
C W.T.P. FLOW METERS UPGRADE	FPL MOD 0151	11FEB86	6APR88

DATA DATE


1987
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FPL
S AFW RELIABILITY/FOLLOW-ON EFFORT FPL MOD 0543 27JAN88 6APR88
S FSAR8.2-18A/INCORP AIR REG SET PT FPL MOD 0927 27JAN88 6APR88
3 DEL LEAD/LAG MODULE LOW PZR LOOPS FPL MOD 1003 22JUN87 6APR88
4 DEL LEAD/LAG MODULE/LOW PZR LOOPS FPL MOD 1004 22JUN87 6APR88
C FIRE PUMP DIESEL ENGINE UPGRADE FPL MOD 0191 21OCT87 7APR88
S FUEL STORAGE, HDLG & WTR REMOVAL FPL MOD 0939 27JAN88 7APR88
C HALON SUPPRESSION SYSTEM FPL MOD 0279 17DEC85 8APR88
S PRA ADVISABILITY STUDY FPL MOD 0672 22JAN88 8APR88
S EVAL LOCAL LRT CAPABILITY/CI VLVS FPL MOD 0605 18JUL86 11APR88
S IA/REGULATOR ID NUMBER FPL MOD 0918 20JAN88 11APR88
S CB/FUSE IMPACT ON VDC PANELS FPL MOD 0533 20JAN88 12APR88
S ICW SYS TEST EVAL & RECOMMENDT'N FPL MOD 0911 20JAN88 12APR88
S ADD OP GUIDANCE TO EDG INST METER FPL MOD 0931 27JAN88 12APR88
C CABLE SPREAD ROOM DRAINS FPL MOD 0392 12JAN87 13APR88
S INC AMB TEMP EFF/CLG SYS ACC CRIT FPL MOD 0930 22JAN88 13APR88
S LONG TERM ECC FAN TEST FPL MOD 0823 27JAN88 15APR88
S REV HIGH TEMP INSUL CONCERN FPL MOD 0940 27JAN88 18APR88
S REVIEW COMPRESSOR SERVICE LIFE FPL MOD 0919 22JAN88 21APR88
C WTR EQUIPT & HOTWELL SAMPLE SYST FPL MOD 0180 28APR86 25APR88
S TPCW WALKDOWN & LOAD STUDY FPL MOD 0910 27JAN88 26APR88
S EVAL PROB RISK ASSMT STDY FOR EDG FPL MOD 0937 27JAN88 26APR88
DATA DATE

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO

TARGET SCHEDULE

FPL	S	POST TMI SOURCE TERMS EVALUATION	FPL MOD 0799
	S	FEASIBILITY STDY CAB REARR FOR IA	FPL MOD 0912
	S	TECH SPEC TEST REQUIREMENT	FPL MOD 0800
	S	PROVIDE RSWT TEMPERATURE INDICA	FPL MOD 0815
	S	REVISE FSAR ON INSTRUMENT AIR	FPL MOD 0921
	3	TPCW UNDERGROUND PIPE REPLACEMENT	FPL MOD 1194
	S	RESPONSE TO BROKEN PUMP SHAFT	FPL MOD 0493
	C	BREATHING AIR COMPR WTR SOFTENER	FPL MOD 0561
	S	INSTR AIR REGULATOR DRAIN LINES	FPL MOD 0913
	S	REVIEW COMPRESSOR LOADING FOR IA	FPL MOD 0922
	S	SYNC CK RECLOSE&SUPV BRK CNTL ADD	FPL MOD 0742
	S	IA/EVAL SFTY FUNCT"NS EFFECTED EQ	FPL MOD 0917
	3	REMOVE LOAD FREQUENCY & CNTL SYS	FPL MOD 0559
	S	PROV ACCEPT CRIT FOR OIL XFR PMPS	FPL MOD 0928
	S	ADD PRESSURE GAUGES TO PENETS	FPL MOD 0946
	S	OPERABILITY REQM"TS ECCS EQUIP	FPL MOD 0844
	S	REVISE IA SYSTEMS DESCRIPTIONS	FPL MOD 0920
	S	CHEM & VOL CNTL DES BAS ENHANCEMT	FPL MOD 1033
	S	RHR MOV 744 A & B	FPL MOD 0822
	S	MSI REVIEW MAINTENANCE HISTORY	FPL MOD 0838
	S	DEVELOP AIR LEAK INSP PROGRAM	FPL MOD 0923

27JAN88		29APR88
22JAN88		3MAY88
27JAN88		4MAY88
27JAN88		4MAY88
22JAN88		4MAY88
3AUG87		5MAY88
15JAN88		6MAY88
13JAN86		6MAY88
27JAN88		6MAY88
27JAN88		6MAY88
5FEB88		9MAY88
22JAN88		9MAY88
7MAY86		11MAY88
27JAN88		11MAY88
4FEB88		12MAY88
5FEB88		13MAY88
22JAN88		13MAY88
2FEB87		13MAY88
27JAN88		17MAY88
27JAN88		20MAY88
27JAN88		20MAY88

1987 | 1988 | 1989 | 1990 | 1991

DATA DATE

PROJECT ALMEGA99
PLOT FPL
PAGE 1 SHEET 5
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FINISH 31DEC99
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TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
TARGET SCHEDULE
TIME BREAK ON ANI COMMITMENT CATEGORIES
SORT BREAKS BLOCKS 9 LIN 11

MOD TEST
INTERVAL 1 YEAR(S)
TARGET SCHEDULE 30
TARG FINISH 31DEC99
TARG DATA DATE 29JAN87

FPL	C NEAR SITE LIGHTED HELI-PORT	FPL MOD 0094	15AUG86	23MAY88
	S CNFIRM 200KW IS SINGLE LARGEST LD	FPL MOD 0933	27JAN88	25MAY88
	4 REPL CCW HX THERMOMETERS W/RTD'S	FPL MOD 0418	15APR87	27MAY88
	3 SUPPLY BREATH'G AIR/REGULAT'G VLV	FPL MOD 0560	19FEB87	27MAY88
	C NEW EDG PROJ SITE PREPARATION	FPL MOD 1137	17APR87	31MAY88
	S D.C. SWGR CRITERIA PER TS 3.7-8	FPL MOD 0528	27JAN88	2JUN88
	S ACCUMULATOR B PRESS XMTR REPL	FPL MOD 0590	20JAN88	2JUN88
	4 SFP DEMIN RESIN FLUSH UPGRADE	FPL MOD 1155	4MAY87	8JUN88
	3 REMOVABLE ROOF FOR CASK WASH DOWN	FPL MOD 0196	1APR86	13JUN88
	S EVAL EDG OPER&HIGHR THAN BASE CAP	FPL MOD 0926	27JAN88	13JUN88
	S REV RM VNT&COMBS'N AIR INL CONCRN	FPL MOD 0938	27JAN88	13JUN88
	S EVAL 2 FULL CAP DIESEL GEN FOR 1A	FPL MOD 0915	24MAR88	14JUN88
	3 SFP DEMIN RESIN FLUSH UPGRADE	FPL MOD 0956	4MAY87	15JUN88
	C REMAINING SITE PREP WORK	FPL MOD 1090	21OCT87	15JUN88
	C WHOLE BODY COUNTR PERMANENT INSTL	FPL MOD 0677	28JUL87	17JUN88
	C WALKDOWN INSTRUMENT AIR SYSTEM	FPL MOD 0924	7APR88	17JUN88
	4 REPAIR INTAKE STRUCTURE EQUIPT	FPL MOD 0062	18FEB86	21JUN88
	3 INSTL RCDT DIGITAL GAGE READOUT	FPL MOD 0669	28MAR88	23JUN88
	C REPL EDG IDLE GEAR STUB SHAFT	FPL MOD 0954	27JAN88	23JUN88
	S EMERG CTMT COOLERS OPERAB EVAL	FPL MOD 0813	27JAN88	24JUN88
	S REM BAT RM CHILLERS FOR EDG LDS	FPL MOD 0929	24MAR88	30JUN88

1987 1988 1989 1990 1991

DATA DATE

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO

T A R G E T S C H E D U L E

FPL	S POTENTIAL FOR HIGH CTMT TEMP	FPL MOD 0810		8FEB88		6JUL88	
	C ISOL VLV ON LUBE OIL CLR MANIFOLD	FPL MOD 0953		27JAN88		6JUL88	
	3 480V LOAD CENTER COOLING FACILITY	FPL MOD 0086	10JAN86			7JUL88	
	S ISI CODE BOUNDARY DWG UPDATE	FPL MOD 0756		28MAR88		7JUL88	
	S RESOLVE CNTMT PURG FSAR DISCREP	FPL MOD 0828		21APR88		7JUL88	
	S EVAL 2 FULL CAP DIESEL COMPR - 1A	FPL MOD 0914		18APR88		7JUL88	
	C 480V LOAD CNTR VOLTAGE INDICATORS	FPL MOD 0648	2DEC85			8JUL88	
	S EVAL CNDSR BOOT SEAL REPLACEMENT	FPL MOD 0462		21APR88		11JUL88	
	C ADD'L EMERG LIGHTING FOR APP. R	FPL MOD 0592	12JUN86			13JUL88	
	S MSIV IE REPORT RVW EWO O/M 7208	FPL MOD 0841		21MAR88		13JUL88	
	C UPGRADE AIR START WYE STRAINER	FPL MOD 0950		27JAN88		13JUL88	
	S POLAR CRANE CNTLS ENGINEER'G STDY	FPL MOD 0723		6APR88		14JUL88	
	S EVAL NEW VLVS FOR TESTING PENET	FPL MOD 0945		23MAR88		15JUL88	
	S EVAL SEQ EVNTS RCDR & STA ANN ADD	FPL MOD 0736		14APR88		19JUL88	
	4 SFP AIR INLET DAMPER REPLACEMENT	FPL MOD 0353	4MAY87			22JUL88	
	S Q-LIST/TEDB PLANT EQUIP TAG SYST	FPL MOD 0645		14APR88		22JUL88	
	S C-BUS RELAY PROTECT'N MFW EVAL'N	FPL MOD 0619		5APR88		27JUL88	
	C GAS BINDING OF CCP'S	FPL MOD 0495		27JAN88		28JUL88	
	S ECC EXTEND LOC LIMIT	FPL MOD 0824		28MAR88		1AUG88	
	S EVAL EQUIPT AGING REPLACEMENT RAL	FPL MOD 0706		14APR88		10AUG88	
	S DECAY HEAT REMOVAL REPORT	FPL MOD 0817		13APR88		12AUG88	

1987 | 1988 | 1989 | 1990 | 1991

DATA DATE

PROJECT ALMEGA99
PLOT FPL
PAGE 1 SHEET 8
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FINISH 31DEC99
DATA DATE 28OCT87

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
T A R G E T S C H E D U L E
LINE BREAK ON ANY CURRENTENT CATEGORIES
SORT BREAKS NEEDED Y CUM 11

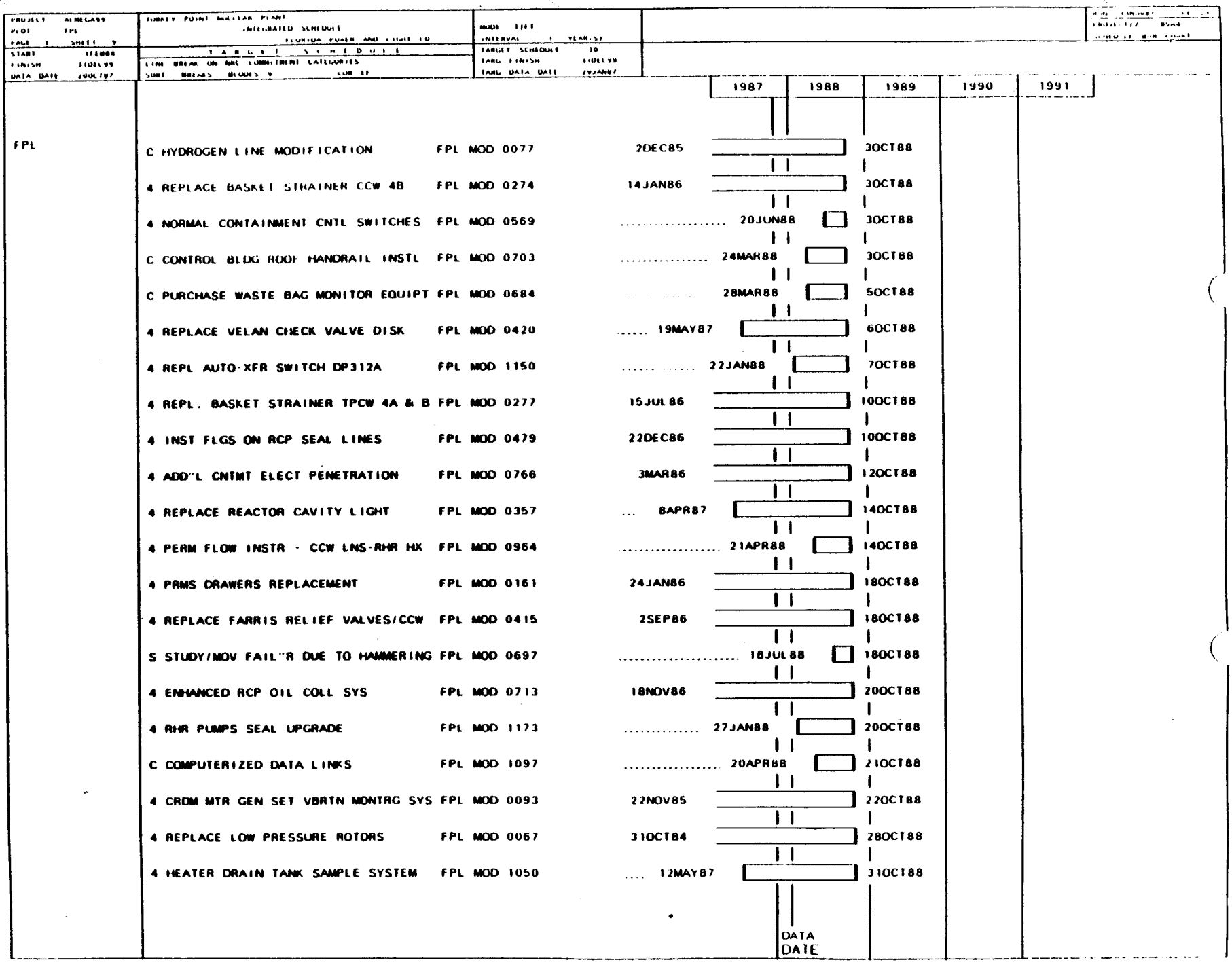
MODE 1111
INTERVAL 1 YEAR(S)
TARGET SCHEDULE 10
TARG FINISH 31DEC99
TARG DATA DATE 29JAN87

1987	1988	1989	1990	1991

FPL

C	REL INV XFR LN TO CVT W/OSPDS PNL	FPL MOD 0925	28MAR88	12AUG88
S	EMERG OPERATING PROCEDURE REVIEW	FPL MOD 0631	18APR88	23AUG88
4	INSTL RCDT DIGITAL GAGE READOUT	FPL MOD 0670	10MAR88	24AUG88
C	RELAY MALFUNCT'N AIR QUAL EDG RM	FPL MOD 0955	14MAR88	24AUG88
C	NEW EDG BLDGS SECURITY SYSTEM	FPL MOD 1177	21OCT87	2SEP88
4	CRDM CLR FANS DAMPER POWER	FPL MOD 0475	21OCT87	13SEP88
4	CNTMT TEMP & NIS FLUX LVL RECORDR	FPL MOD 0581	21OCT87	14SEP88
4	NORMAL CNTMT COOLER AIR BAL & CTL	FPL MOD 0695	28MAR88	14SEP88
4	ISO SV-20-OPC TURBINE PROT'N SYS	FPL MOD 0564	3NOV86	15SEP88
S	Q-LIST/TEDB ACTIVE PCM BACKFIT	FPL MOD 0643	24MAY88	15SEP88
C	REPL WRONG SIZE EXP JNT/ICW PMP	FPL MOD 0904	5APR88	15SEP88
S	ENGINEER'G EVAL SPARE PARTS SPECS	FPL MOD 0739	14JUN88	19SEP88
4	RX CAVITY HANDRAIL	FPL MOD 0080	2MAR87	21SEP88
S	Q-LIST/TEDB DRAWING MODIFICATIONS	FPL MOD 0644	16MAY88	21SEP88
4	MAIN FEED CV 2011 CLOSING TIME	FPL MOD 1102	27JAN88	21SEP88
C	EDG ADDN OF HI CAPAC TURBO CHGR	FPL MOD 0509	22DEC86	22SEP88
S	CNTMT PURGE SYS LEAKAGE RESOLUT	FPL MOD 0835	8JUL88	23SEP88
4	SGWL CNTMT ISOL. VLV REPLACEMENT	FPL MOD 0257	4MAR86	24SEP88
4	MAIN STM SAFETY LIFTING LEVERS	FPL MOD 0423	22DEC86	27SEP88
S	RHR ROOM VENTILATION	FPL MOD 0487	28JUL86	27SEP88
C	SF DEMIN BYPASS RWST RECIRC LINE	FPL MOD 0591	18JUL86	30SEP88

DATA DATE


1987
1988
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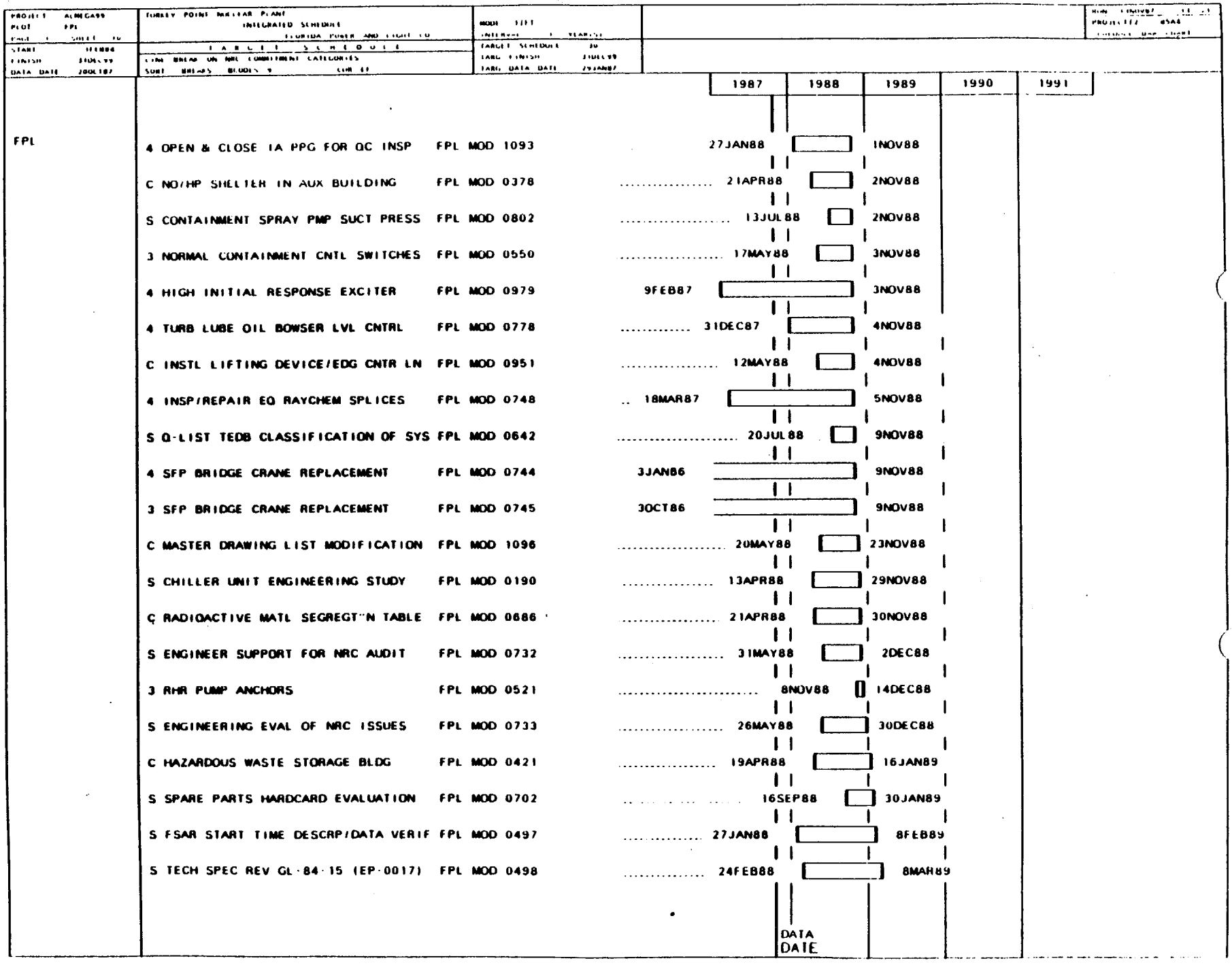
FPL
C HYDROGEN LINE MODIFICATION FPL MOD 0077 2DEC85 30OCT88
4 REPLACE BASKET STRAINER CCW 4B FPL MOD 0274 14JAN86 30OCT88
4 NORMAL CONTAINMENT CNTL SWITCHES FPL MOD 0569 20JUN88 30OCT88
C CONTROL BLDG ROOF HANDRAIL INSTL FPL MOD 0703 24MAR88 30OCT88
C PURCHASE WASTE BAG MONITOR EQUIPT FPL MOD 0684 28MAR88 50CT88
4 REPLACE VELAN CHECK VALVE DISK FPL MOD 0420 19MAY87 60CT88
4 REPL AUTO-XFR SWITCH DP312A FPL MOD 1150 22JAN88 70CT88
4 REPL. BASKET STRAINER TPCW 4A & B FPL MOD 0277 15JUL86 100CT88
4 INST FLGS ON RCP SEAL LINES FPL MOD 0479 22DEC86 100CT88
4 ADD'L CNTMT ELECT PENETRATION FPL MOD 0766 3MAR86 120CT88
4 REPLACE REACTOR CAVITY LIGHT FPL MOD 0357 8APR87 140CT88
4 PERM FLOW INSTR - CCW LNS-RHR HX FPL MOD 0964 21APR88 140CT88
4 PRMS DRAWERS REPLACEMENT FPL MOD 0161 24JAN86 180CT88
4 REPLACE FARRIS RELIEF VALVES/CCW FPL MOD 0415 2SEP86 180CT88
S STUDY/MOV FAIL'R DUE TO HAMMERING FPL MOD 0697 18JUL88 180CT88
4 ENHANCED RCP OIL COLL SYS FPL MOD 0713 18NOV86 200CT88
4 RHR PUMPS SEAL UPGRADE FPL MOD 1173 27JAN88 200CT88
C COMPUTERIZED DATA LINKS FPL MOD 1097 20APR88 210CT88
4 CRDM MTR GEN SET VBRTN MONTRG SYS FPL MOD 0093 22NOV85 220CT88
4 REPLACE LOW PRESSURE ROTORS FPL MOD 0067 31OCT84 280CT88
4 HEATER DRAIN TANK SAMPLE SYSTEM FPL MOD 1050 12MAY87 310CT88
DATA DATE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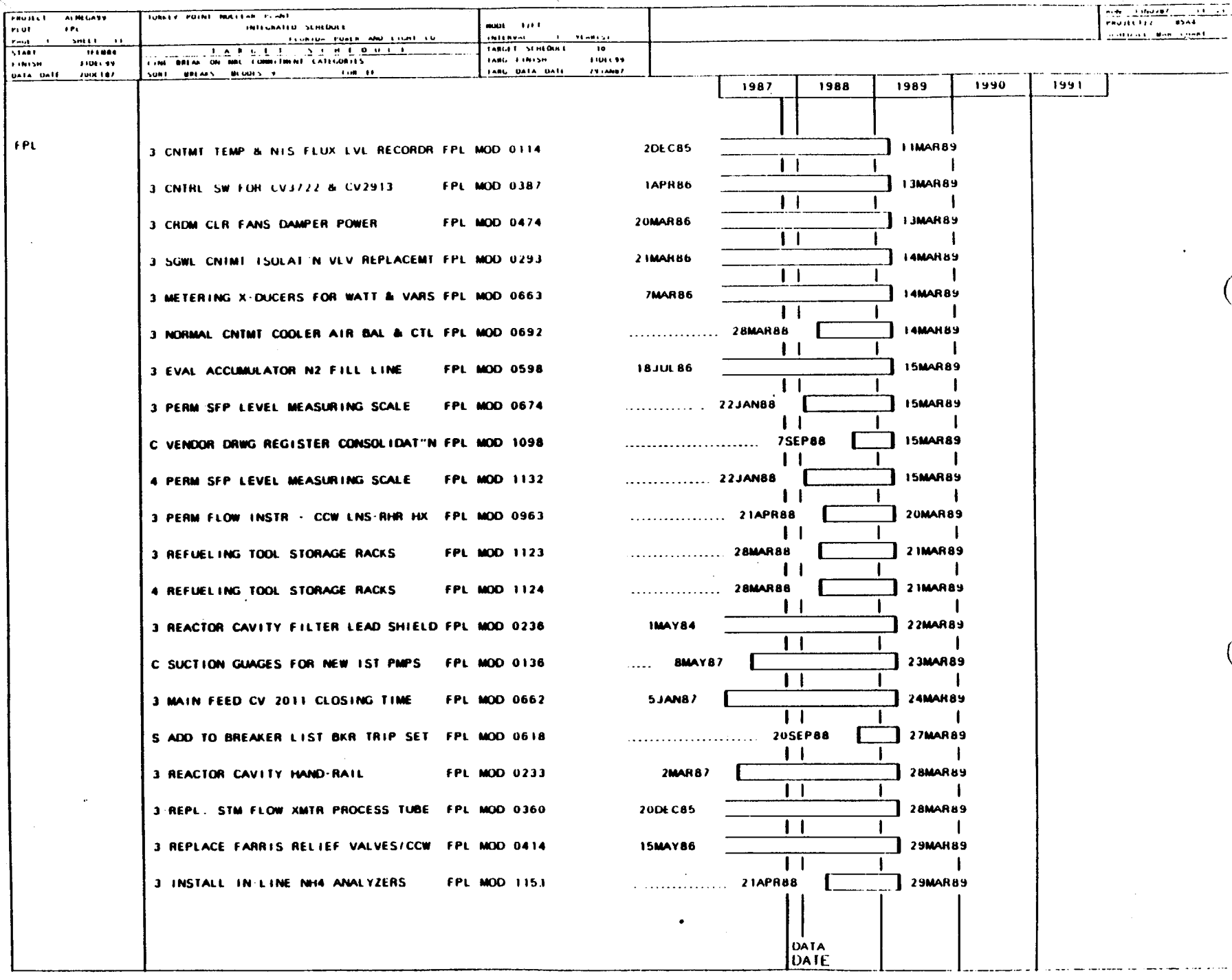
FPL
4 OPEN & CLOSE IA PPG FOR QC INSP FPL MOD 1093 27JAN88 1NOV88
C NO/HP SHELTER IN AUX BUILDING FPL MOD 0378 21APR88 2NOV88
S CONTAINMENT SPRAY PMP SUCT PRESS FPL MOD 0802 13JUL88 2NOV88
3 NORMAL CONTAINMENT CNTL SWITCHES FPL MOD 0550 17MAY88 3NOV88
4 HIGH INITIAL RESPONSE EXCITER FPL MOD 0979 9FEB87 3NOV88
4 TURB LUBE OIL BOWSER LVL CNTRL FPL MOD 0778 31DEC87 4NOV88
C INSTL LIFTING DEVICE/EDG CNTR LN FPL MOD 0951 12MAY88 4NOV88
4 INSP/REPAIR EQ RAYCHEM SPLICES FPL MOD 0748 18MAR87 5NOV88
S Q-LIST TEDB CLASSIFICATION OF SYS FPL MOD 0642 20JUL88 9NOV88
4 SFP BRIDGE CRANE REPLACEMENT FPL MOD 0744 3JAN86 9NOV88
3 SFP BRIDGE CRANE REPLACEMENT FPL MOD 0745 30CT86 9NOV88
C MASTER DRAWING LIST MODIFICATION FPL MOD 1096 20MAY88 23NOV88
S CHILLER UNIT ENGINEERING STUDY FPL MOD 0190 13APR88 29NOV88
C RADIOACTIVE MATL SEGREGT'N TABLE FPL MOD 0686 21APR88 30NOV88
S ENGINEER SUPPORT FOR NRC AUDIT FPL MOD 0732 31MAY88 2DEC88
3 RHR PUMP ANCHORS FPL MOD 0521 8NOV88 14DEC88
S ENGINEERING EVAL OF NRC ISSUES FPL MOD 0733 26MAY88 30DEC88
C HAZARDOUS WASTE STORAGE BLDG FPL MOD 0421 19APR88 16JAN89
S SPARE PARTS HARDCARD EVALUATION FPL MOD 0702 16SEP88 30JAN89
S FSAR START TIME DESCRP/DATA VERIF FPL MOD 0497 27JAN88 8FEB89
S TECH SPEC REV GL-84-15 (EP-0017) FPL MOD 0498 24FEB88 8MAR89
DATA DATE


1987
1988
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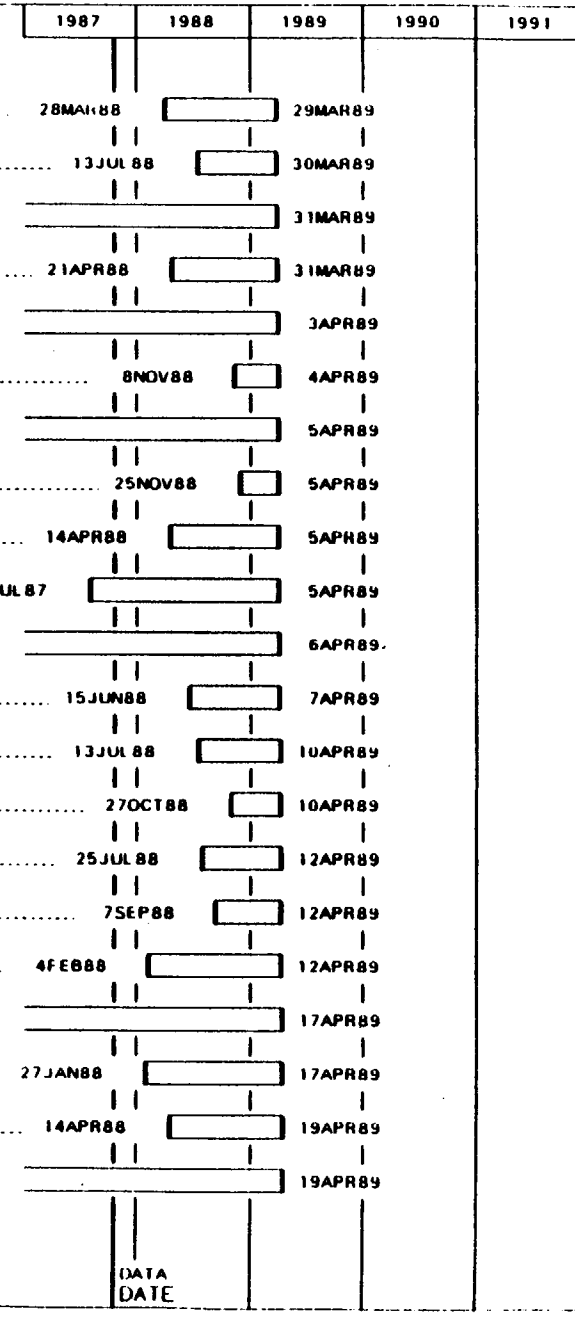
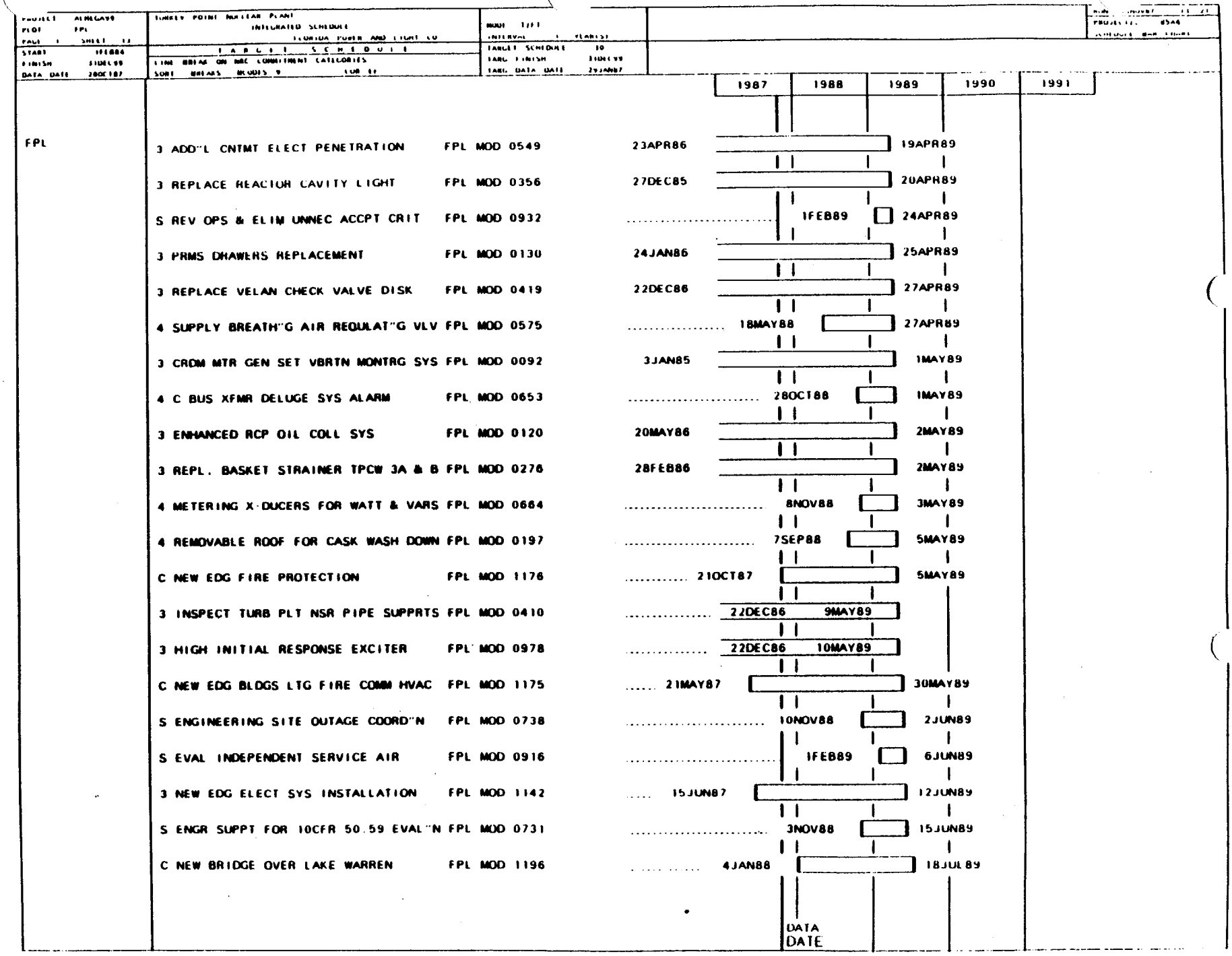
FPL
3 CNTMT TEMP & NIS FLUX LVL RECORDR FPL MOD 0114 2DEC85 11MAR89
3 CNTRL SW FOR CV3722 & CV2913 FPL MOD 0387 1APR86 13MAR89
3 CRDM CLR FANS DAMPER POWER FPL MOD 0474 20MAR86 13MAR89
3 SGWL CNTMT ISOLAT'N VLV REPLACEMT FPL MOD 0293 21MAR86 14MAR89
3 METERING X-DUCERS FOR WATT & VARS FPL MOD 0663 7MAR86 14MAR89
3 NORMAL CNTMT COOLER AIR BAL & CTL FPL MOD 0692 28MAR88 14MAR89
3 EVAL ACCUMULATOR N2 FILL LINE FPL MOD 0598 18JUL86 15MAR89
3 PERM SFP LEVEL MEASURING SCALE FPL MOD 0674 22JAN88 15MAR89
C VENDOR DRWG REGISTER CONSOLIDAT"N FPL MOD 1098 7SEP88 15MAR89
4 PERM SFP LEVEL MEASURING SCALE FPL MOD 1132 22JAN88 15MAR89
3 PERM FLOW INSTR - CCW LNS-RHR HX FPL MOD 0963 21APR88 20MAR89
3 REFUELING TOOL STORAGE RACKS FPL MOD 1123 28MAR88 21MAR89
4 REFUELING TOOL STORAGE RACKS FPL MOD 1124 28MAR88 21MAR89
3 REACTOR CAVITY FILTER LEAD SHIELD FPL MOD 0236 1MAY84 22MAR89
C SUCTION GUAGES FOR NEW IST PMPS FPL MOD 0136 8MAY87 23MAR89
3 MAIN FEED CV 2011 CLOSING TIME FPL MOD 0662 5JAN87 24MAR89
S ADD TO BREAKER LIST BKR TRIP SET FPL MOD 0618 20SEP88 27MAR89
3 REACTOR CAVITY HAND-RAIL FPL MOD 0233 2MAR87 28MAR89
3 REPL. STM FLOW XMTR PROCESS TUBE FPL MOD 0360 20DEC85 28MAR89
3 REPLACE FARRIS RELIEF VALVES/CCW FPL MOD 0414 15MAY86 29MAR89
3 INSTALL IN-LINE NH4 ANALYZERS FPL MOD 1151 21APR88 29MAR89
DATA DATE

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO

TARGET SCHEDULE



FPL	4	INSTALL IN-LINE NH4 ANALYZERS	FPL MOD 1152	28MAR88	29MAR89
	4	REM NMC RAD AIR MON/CNTRL ROOM	FPL MOD 0351	13JUL88	30MAR89
	3	MAIN STM SAFETY LIFTING LEVERS	FPL MOD 0422	17APR86	31MAR89
	S	VTL PWR INVTR OPERATING CONCERNS	FPL MOD 0459	21APR88	31MAR89
	3	POST ACCIDENT H2 MONITORS UPGRD	FPL MOD 0363	17JAN86	3APR89
	4	RHR PUMP ANCHORS	FPL MOD 0567	8NOV88	4APR89
	3	IST GUAGE INSTLN FOR ICW PUMPS	FPL MOD 0106	19MAR85	5APR89
	S	ENGINEERING SITE MAINT SUPPORT	FPL MOD 0737	25NOV88	5APR89
	C	WTP ACID/CAUSTIC UNLOAD X-FER STA	FPL MOD 1084	14APR88	5APR89
	4	SPENT FUEL POOL RERACKING	FPL MOD 1190	31JUL87	5APR89
	3	BACKUP INSTR. AIR COMPRESSOR	FPL MOD 0290	1APR86	6APR89
	4	PERM SHIELDING IN CASK WASHDOWN	FPL MOD 0135	15JUN88	7APR89
	3	PERM SHIELDING IN CASK WASHDOWN	FPL MOD 0134	13JUL88	10APR89
	3	C BUS XFMR DELUGE SYS ALARM	FPL MOD 0654	27OCT88	10APR89
	3	PRESSURIZER TEMP SENSOR REPLMNT	FPL MOD 0691	25JUL88	12APR89
	S	ENGINEERING EVAL OF NRC NOTICES	FPL MOD 0734	7SEP88	12APR89
	S	ANNUNCIATOR SYS REPL STUDY	FPL MOD 1011	4FEB88	12APR89
	3	INST FLGS ON RCP SEAL LINES	FPL MOD 0478	22DEC86	17APR89
	3	RHR PUMPS SEAL UPGRADE	FPL MOD 1172	27JAN88	17APR89
	C	EDG ENGINE CNTL PANEL MODS	FPL MOD 0450	14APR88	19APR89
	3	POLAR CRANE MOTORS	FPL MOD 0476	20JAN86	19APR89


1987
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FPL
3 ADD'L CNTMT ELECT PENETRATION FPL MOD 0549 23APR86 19APR89
3 REPLACE REACTOR CAVITY LIGHT FPL MOD 0356 27DEC85 20APR89
S REV OPS & ELIM UNNEC ACCPT CRIT FPL MOD 0932 1FEB89 24APR89
3 PRMS DRAWERS REPLACEMENT FPL MOD 0130 24JAN86 25APR89
3 REPLACE VELAN CHECK VALVE DISK FPL MOD 0419 22DEC86 27APR89
4 SUPPLY BREATH'G AIR REQULAT'G VLV FPL MOD 0575 18MAY88 27APR89
3 CROM MTR GEN SET VBRTN MONTRG SYS FPL MOD 0092 3JAN85 1MAY89
4 C BUS XFMR DELUGE SYS ALARM FPL MOD 0653 28OCT88 1MAY89
3 ENHANCED RCP OIL COLL SYS FPL MOD 0120 20MAY86 2MAY89
3 REPL. BASKET STRAINER TPCW 3A & B FPL MOD 0276 28FEB86 2MAY89
4 METERING X-DUCERS FOR WATT & VARS FPL MOD 0664 8NOV88 3MAY89
4 REMOVABLE ROOF FOR CASK WASH DOWN FPL MOD 0197 7SEP88 5MAY89
C NEW EDG FIRE PROTECTION FPL MOD 1176 21OCT87 5MAY89
3 INSPECT TURB PLT NSR PIPE SUPPRTS FPL MOD 0410 22DEC86 9MAY89
3 HIGH INITIAL RESPONSE EXCITER FPL MOD 0978 22DEC86 10MAY89
C NEW EDG BLDGS LTG FIRE COMM HVAC FPL MOD 1175 21MAY87 30MAY89
S ENGINEERING SITE OUTAGE COORD'N FPL MOD 0738 10NOV88 2JUN89
S EVAL INDEPENDENT SERVICE AIR FPL MOD 0916 1FEB89 6JUN89
3 NEW EDG ELECT SYS INSTALLATION FPL MOD 1142 15JUN87 12JUN89
S ENGR SUPPT FOR 10CFR 50.59 EVAL'N FPL MOD 0731 3NOV88 15JUN89
C NEW BRIDGE OVER LAKE WARREN FPL MOD 1196 4JAN88 18JUL89
DATA DATE

PROJECT ALMEGA99
PLOT FPL
DATE 1 SHEET 10
START 1FEB84
FINISH 31DEC99
DATA DATE 28OCT87

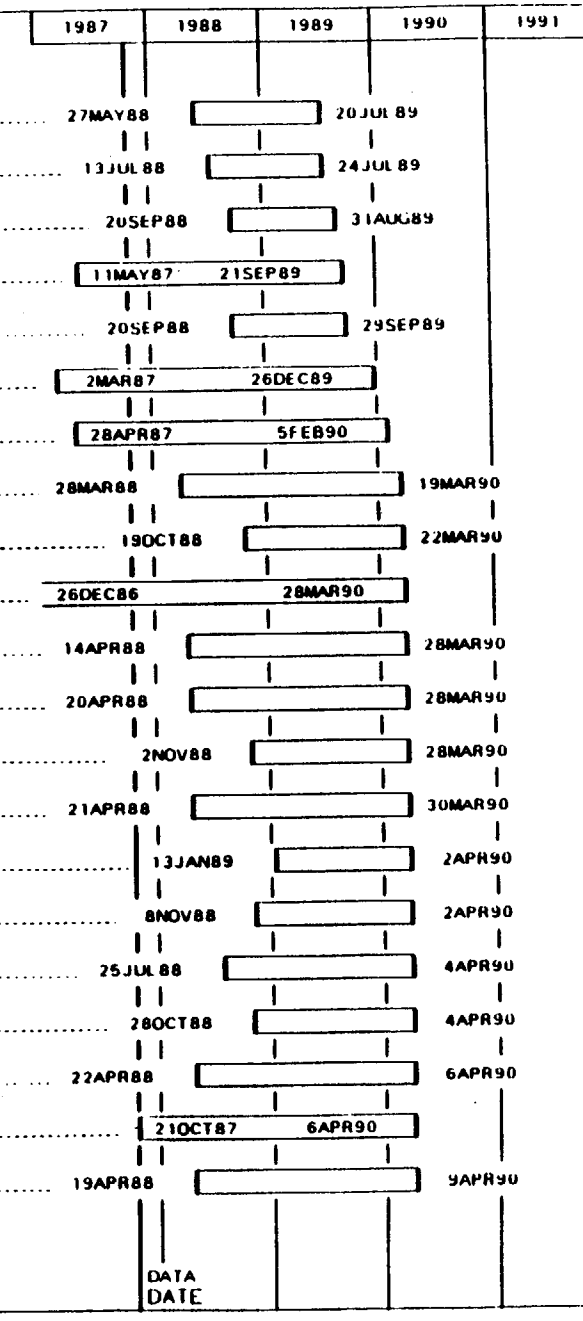
TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO

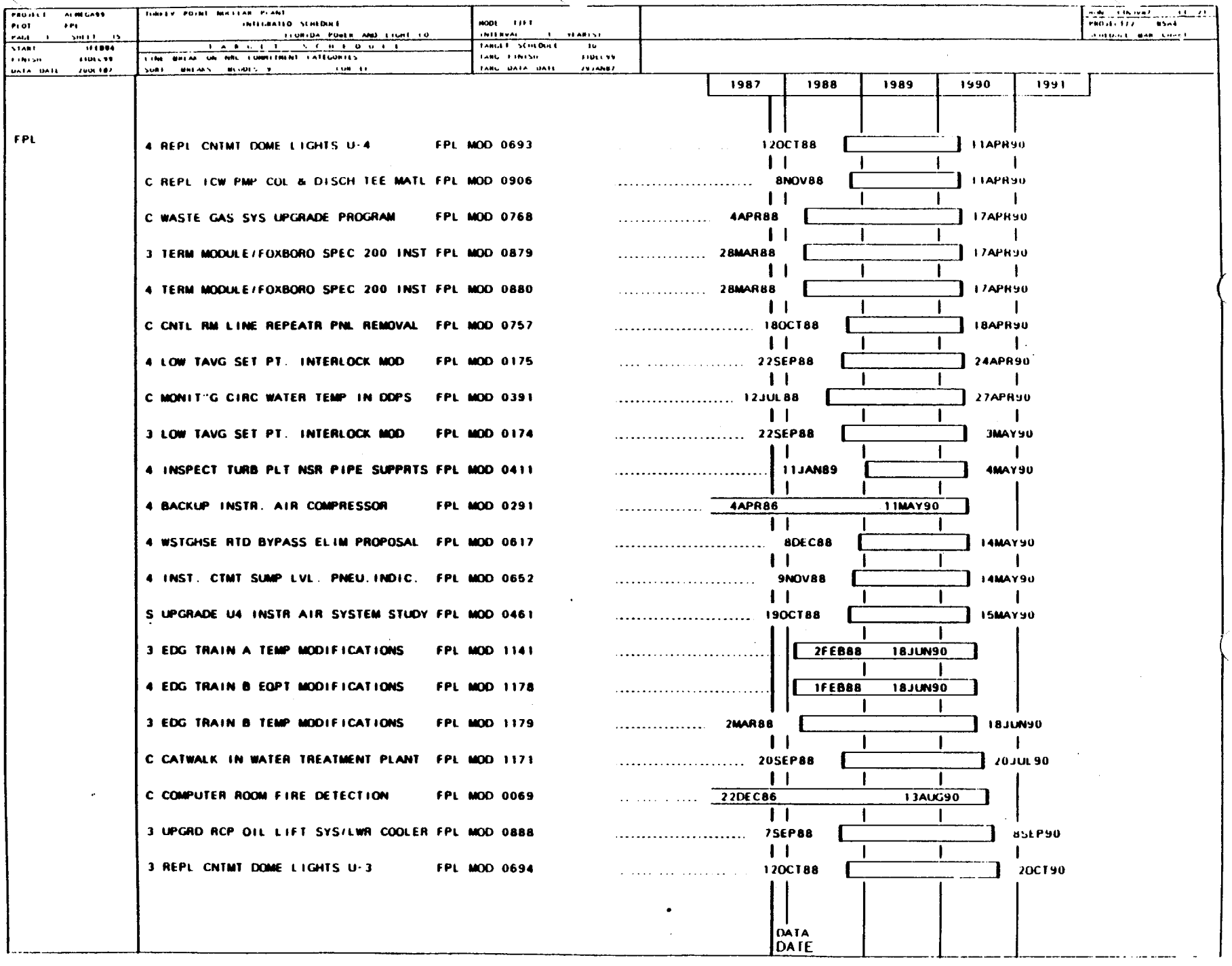
T A R G E T S C H E D U L E
TIME BREAK ON NRC COMMITMENT CATEGORIES
SUBT BREAKS BLUDES Y CUR 10

MODE TEST
INTERVAL 1 YEAR(S)
TARGET SCHEDULE 10
TARG FINISH 31DEC99
TARG DATA DATE 29JAN87

RUN 11NOV87 11:21
PROJECT2 85-4
LIMITED BAR CHART

FPL	4 REPL PNLS WITH DRS ON QR81 & QR82	FPL MOD 1086	27MAY88	20JUL89
	C UNIT AUTONOMOUS P&ID DRAWINGS	FPL MOD 1094	13JUL88	24JUL89
	3 REPL PNLS WITH DRS ON QR81 & QR82	FPL MOD 1085	20SEP88	31AUG89
	C EDG DIESEL/D.O S.T. BLDG CONST	FPL MOD 1174	11MAY87	21SEP89
	S ECCS HEAT SINK UPDATE	FPL MOD 0362	20SEP88	29SEP89
	4 PROCURE & INSTALL TWO NEW EDG"S	FPL MOD 1138	2MAR87	26DEC89
	4 NEW EDG ELECT SYS INSTALLATION	FPL MOD 1139	28APR87	5FEB90
	4 CNTRL SW FOR CV3722 & CV2913	FPL MOD 0388	28MAR88	19MAR90
	3 SHIPPING CASK CLOSURE HEAD STAND	FPL MOD 0159	19OCT88	22MAR90
	4 REPL. STM FLOW XMTR PROCESS TUBE	FPL MOD 0361	26DEC86	28MAR90
	4 A & B REHTR DRAIN TANK LEVEL CNTL	FPL MOD 0857	14APR88	28MAR90
	3 A & B REHTR DRAIN TANK LEVEL CNTL	FPL MOD 0858	20APR88	28MAR90
	C LUBE OIL MODIFICATIONS	FPL MOD 0952	2NOV88	28MAR90
	C DDPS AUXILIARY CABINET REMOVAL	FPL MOD 0366	21APR88	30MAR90
	C DRY STORAGE WAREHOUSE - PHASE II	FPL MOD 0052	13JAN89	2APR90
	4 POLAR CRANE MOTORS	FPL MOD 0477	8NOV88	2APR90
	4 PRESSURIZER TEMP SENSOR REPLMNT	FPL MOD 0690	25JUL88	4APR90
	4 UPGRD RCP OIL LIFT SYS/LOWR COOLR	FPL MOD 1021	28OCT88	4APR90
	4 SECONDARY PIPE WALL SIZE EVAL/RPR	FPL MOD 0892	22APR88	6APR90
	4 EDG TRAIN A EQPT MODIFICATIONS	FPL MOD 1140	21OCT87	6APR90
	4 POST ACCIDENT H2 MONITORS UPGRD	FPL MOD 0364	19APR88	9APR90




1987
1988
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FPL
4 REPL CNTMT DOME LIGHTS U-4 FPL MOD 0693 12OCT88 11APR90
C REPL ICW PMP COL & DISCH TEE MATL FPL MOD 0906 8NOV88 11APR90
C WASTE GAS SYS UPGRADE PROGRAM FPL MOD 0768 4APR88 17APR90
3 TERM MODULE/FOXBORO SPEC 200 INST FPL MOD 0879 28MAR88 17APR90
4 TERM MODULE/FOXBORO SPEC 200 INST FPL MOD 0880 28MAR88 17APR90
C CNTL RM LINE REPEATR PNL REMOVAL FPL MOD 0757 18OCT88 18APR90
4 LOW TAVG SET PT. INTERLOCK MOD FPL MOD 0175 22SEP88 24APR90
C MONIT'G CIRC WATER TEMP IN DDPS FPL MOD 0391 12JUL88 27APR90
3 LOW TAVG SET PT. INTERLOCK MOD FPL MOD 0174 22SEP88 3MAY90
4 INSPECT TURB PLT NSR PIPE SUPPRTS FPL MOD 0411 11JAN89 4MAY90
4 BACKUP INSTR. AIR COMPRESSOR FPL MOD 0291 4APR86 11MAY90
4 WSTGHSE RTD BYPASS ELIM PROPOSAL FPL MOD 0617 8DEC88 14MAY90
4 INST. CTMT SUMP LVL. PNEU. INDIC. FPL MOD 0652 9NOV88 14MAY90
S UPGRADE U4 INSTR AIR SYSTEM STUDY FPL MOD 0461 19OCT88 15MAY90
3 EDG TRAIN A TEMP MODIFICATIONS FPL MOD 1141 2FEB88 18JUN90
4 EDG TRAIN B EQPT MODIFICATIONS FPL MOD 1178 1FEB88 18JUN90
3 EDG TRAIN B TEMP MODIFICATIONS FPL MOD 1179 2MAR88 18JUN90
C CATWALK IN WATER TREATMENT PLANT FPL MOD 1171 20SEP88 20JUL90
C COMPUTER ROOM FIRE DETECTION FPL MOD 0069 22DEC86 13AUG90
3 UPGRD RCP OIL LIFT SYS/LWR COOLER FPL MOD 0888 7SEP88 8SEP90
3 REPL CNTMT DOME LIGHTS U-3 FPL MOD 0694 12OCT88 20OCT90
DATA DATE

PROJECT ALMEGA99
PLOT FPL
PAGE 1 SHEET 1A
START 1FEB84
FINISH 31DEC99
DATA DATE 28OCT87

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
T A R G E T S C H E D U L E
TIME BREAK ON NRC COMMITMENT CATEGORIES
SORT BREAKS BUDGET 9 CUM EF

MODE 1/2/3
INTERVAL 1 YEAR/SET
TARGET SCHEDULE 10
TARG FINISH 31DEC99
TARG DATA DATE 29JAN87

PROJECT 8548

FPL	3 HEATER DRAIN TANK SAMPLE SYSTEM	FPL MOD 0072	7FEB86 – 12OCT90
	3 ELEC GENERATOR RADIO FREQ MONITOR	FPL MOD 0382	8NOV88 – 16OCT90
	3 WSTGHSE RTD BYPASS ELIM PROPOSAL	FPL MOD 0616	5DEC88 – 16OCT90
	3 ICW DEMAND FLOW ANALYSIS	FPL MOD 0111	2DEC85 – 5NOV90
	4 EDG/REMOVAL OF UNIT 4 MCC "D" TIE	FPL MOD 1143	20JUL87 – 19DEC90
	3 EDG TRAIN B EQPT MODIFICATIONS	FPL MOD 1146	1APR88 – 19DEC90
	3 EDG TRAIN A EQPT MODIFICATIONS	FPL MOD 1180	28JUL88 – 19DEC90
	3 PERSONNEL & EQMT HATCH SHIELD	FPL MOD 1162	20SEP88 – 28DEC90
	4 PERSONNEL & EQMT HATCH SHIELD	FPL MOD 1163	20SEP88 – 28DEC90
	C EDG - NEW 4 KV "C" BUS TIE	FPL MOD 1145	31DEC87 – 31DEC90
	C UPGRADE PH MONITORING SYS AT WWTF	FPL MOD 0413	7MAY86 – 27MAR91
	C ACCESS & DRESS FACILITY EXTENSION	FPL MOD 0273	24AUG87 – 2MAY91
	3 "C" BUS SWGR ENCL A/C MODS	FPL MOD 0070	14OCT85 – 3MAY91
	C WTR TREATMT PLT PRETREAT SYS REPL	FPL MOD 0084	21OCT87 – 7MAY91
	C INST CARD READERS IN NEW VTL AREA	FPL MOD 0604	14NOV88 – 10MAY91
	3 TRANSFER CANAL LEAKAGE PERM FIX	FPL MOD 0895	28OCT88 – 14MAY91
	C MACHINE SHOP FACILITY	FPL MOD 1188	4JAN89 – 6JUN91
	4 TRANSFER CANAL LEAKAGE PERM FIX	FPL MOD 0896	7NOV88 – 24JUN91
	4 "C" BUS SWGR ENCL A/C MODS	FPL MOD 0071	3DEC85 – 18JUL91
	C WALKWAY BETWEEN NAB AND NMB	FPL MOD 1195	4JAN89 – 29JUL91
	C COLD LAB CHEMICAL EQUIPMENT	FPL MOD 0146	3AUG88 – 9SEP91

1987 1988 1989 1990 1991

DATA DATE

PROJECT ALMGA99
PLOT FPL
PAGE 1 SHEET 1/
START 1FEB84
FINISH 31DEC99
DATA DATE 28OCT87

TURKEY POINT NUCLEAR PLANT
INTEGRATED SCHEDULE
FLORIDA POWER AND LIGHT CO
T A R G E T S C H E D U L E
LINE BREAK ON NRC COMMITMENT CATEGORIES
SORT BREAKS INCLUDES 'A' LINE 1/

MODE TIME
INTERVAL 1 YEAR(S)
TARGET SCHEDULE 30
TARG FINISH 31DEC99
TARG DATA DATE 28JAN87

PROJECT# 85A0
SCHEDULE BAR CHART

FPL	C OPERATING ENGR BLDG RELOCATION	FPL MOD 1187	4JAN89 12SEP91
	C BACKFIT CONSTRUCTION OFFICE	FPL MOD 1197	11JAN89 13SEP91
	C RCP VIBRATION SYSTEM	FPL MOD 1067	28OCT88 17SEP91
	C CONTRACTOR ENTRY BLDG SO OF NAB	FPL MOD 1189	8NOV88 27SEP91
	4 RCP #2 SEAL LEAK-OFF INDICATOR	FPL MOD 0017	23DEC85 21DEC91
	4 RHR PUMP RECIRCULATION FLOW	FPL MOD 0566	18OCT88 21DEC91
	3 RHR PUMP RECIRCULATION FLOW	FPL MOD 0520	8NOV88 16MAY92
	3 INTAKE COOLING WATER REPLACEMENT	FPL MOD 1192	4JAN88 16MAY92
	4 INTAKE COOLING WATER REPLACEMENT	FPL MOD 1193	4JAN88 17JUL92
	3 BORIC ACID EVAP PMP UPGRADE	FPL MOD 0237	12NOV85 11AUG92
	C DRAINAGE SYS AT NAB NMB & HP BLDG	FPL MOD 1191	1FEB89 20OCT92