

June 28, 1984

WATERFORD 3
PROGRAM PLAN AND SCHEDULE

I. INTRODUCTION AND PURPOSE

This Program Plan outlines the methods by which the 23 individual issues described in the NRC letter, Docket No. 50-382, dated June 13, 1984, are to be resolved by LP&L. Further, the Plan provides a mechanism to address the cause of the issues, the generic implications and collective significance of the issues, and the programmatic and management changes designed to preclude recurrence of such issues. The Program includes the establishment of an independent Task Force to advise LP&L and evaluate LP&L's resolution of the issues, and separate review of the resolution by the Waterford 3 Safety Review Committee (SRC).

II. PROGRAM PLAN MANAGEMENT

1. The LP&L Project Manager - Nuclear is assigned responsibility for management of the overall Plan and actions outlined in paragraphs III and IV below. He will perform these tasks in a normal line management role and have access to and the support of any requisite LP&L and contractor managers and staffs on a top priority basis. He will assure effective interfaces with external groups including the SRC and the UNC/NUS Task Force described in paragraph VI below.
2. The Project Manager-Nuclear reports directly to the Senior Vice President-Nuclear, who in turn reports directly to the President and Chief Executive Officer of LP&L. Both the Senior Vice President-Nuclear and the CEO are directly and actively involved in the management of the Program.

III. RESOLUTION OF ISSUES

1. Each issue will be analyzed to determine:
 - The cause
 - The generic implication

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- The actions and schedules to correct both the specific problem and related generic concerns
 - The safety significance with respect to fuel load and low power operation, and to operation above 5% power
2. The intended manner in which each of the 23 issues are to be addressed is described in Attachment 1. It should be noted that the manner of resolution may need modification as actions necessary to resolve any related safety concerns are undertaken.

IV. COLLECTIVE SIGNIFICANCE AND PROGRAMMATIC CHANGES

As early as feasible in the process of formulating the information contained in paragraph III above, the LP&L Project Manager-Nuclear will:

1. assess the collective significance of the individual issues, and
2. recommend institutional or programmatic changes deemed appropriate to avoid recurrence of the types of problems underlying the issues being addressed

V. SAFETY REVIEW COMMITTEE

1. The Waterford 3 Safety Review Committee (SRC) has designated an SRC subcommittee to review the items outlined in paragraph III and IV above.
2. The SRC subcommittee consists of Kenneth W. Cook, LP&L Nuclear Support and Licensing Manager, Chairman; Joseph M. Hendrie, Consulting Engineer; Robert M. Douglass, Manager of Quality Assurance, Baltimore Gas and Electric Company; Raymond F. Burski, LP&L Engineering and Nuclear Safety Manager; and Thomas F. Gerrets, LP&L Corporate Quality Assurance Manager.

VI. INDEPENDENT ASSESSMENT

1. An independent assessment of the resolutions and determination of safety significance will be provided by a Task Force reporting directly to the CEO of LP&L. The Task Force consists of officials of UNC Nuclear Industries, Inc., Richland, Washington, and

NUS Corporation, Gaithersburg, Maryland, who will be assisted by UNC and NUS staff members, as required. The Task Force will independently assess LP&L's resolution of the issues, including the cause, generic implications and collective significance of the issues. The Task Force will also provide advice and assistance in the resolution of the issues, and will provide an independent assessment of the safety significance of the issues with respect to fuel loading and low power testing, and operation above 5% power. It will assess the adequacy of LP&L QA/QC program in light of the NRC's issues, and will recommend any institutional or programmatic changes which may be necessary to prevent recurrence of the issues.

2. The charter, identification of principals, initial functions have been formalized, as specified in Attachment 2 hereto.

VII. RESPONSE TO NRC

The individual issues vary considerably in both the degree of concern and complexity of resolution. Therefore, LP&L intends to forward to the NRC the proposed resolution data individually or in packages as they are completed and have undergone the degree of review specified herein. Some of the resolutions may be submitted before completion of all requisite corrective actions, which are underway or defined and scheduled for accomplishment, have been accomplished. Upon submittal, each resolution will be added as Appendix A of the Program Plan to constitute a major part of the final report.

VIII. SCHEDULE

Attachment 1 lists the target dates for Project Management completion of resolution data on each issue. These dates include a period of time Project Management has scheduled for completion of its review and that of by the SRC and Task Force, although these dates are difficult to predict. Target dates for development of the collective significance of the issues and recommended programmatic changes outlines in paragraph IV above are to be established by July 6, 1984.

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

ISSUE & TITLE	DESCRIPTION OF ISSUE	LP&L APPROACH TO RESOLUTION	DATE	NONE FL TO 5% >5% JUSTIFICATION
1. Inspection Personnel Issues	Verify the proper certification of site QA/QC personnel or requalify the work performed by these personnel.	LP&L will verify the credentials of QA managers, supervisors and personnel certifying inspectors, and auditors.	7/20	A preliminary evaluation of the T-B and Mercury QC inspectors questioned by the NRC indicated they were qualified and certified to perform their assigned work function.
		<p>A verification of the certification of approximately 20% of all QC inspectors is being done to assess the safety significance of the concern. A description of the certification criteria (ANSI N45.2.6-1973), as required by the Quality program, and a matrix showing certification and supporting documentation will be prepared. Further efforts, including any necessary reinspections, will be based on specific problems and root cause analyses and will be as necessary to verify the adequacy of the program and compliance with the program.</p> <p>For the QC inspectors remaining onsite, a reverification of proper certification in accordance with ANSI N45.2.6-1973 is being accomplished.</p> <p>Quality Control inspections currently being undertaken as part of other programs will be performed by QC personnel reverified as qualified under ANSI N45.2.6-1973.</p>		<p>It is important to note that the inspectors for the major installers of safety related equipment and systems (e.g., Tompkins-Beckwith, Fischback & Moore, Mercury, NISCO, American Bridge, J. A. Jones, and Gulf) performed no non-destructive testing (NDT). NDT was provided by GEO.</p> <p>An audit was performed on all contractors performing safety related work. An assessment of the current audit results, which do not include American Bridge and CE, indicate QC personnel were qualified and certified. Additional backup information has been requested from CE and American Bridge to complete the evaluation. The preliminary results of the audit are listed below.</p>
				<ol style="list-style-type: none"> 1. GEO (NDE) - 23 sampled/23 qualified 2. Waldinger - 5 sampled/5 qualified 3. B&B - 8 sampled/8 qualified 4. Sline - 15 sampled/15 qualified

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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2. Missing NI Instrument Line Documentation	Verify compliance with NRC requirements for NI instrumentation installations.	LP&L will review all NI instrumentation installed during the period when class breaks were allowed (prior to April 7, 1982), identify required documentation to demonstrate correct installation and inspection, and identify the documentation available. A QA review of all safety-related NI instrumentation systems has been performed which verified that all installations were properly documented and inspected.	7/6		To date, 90 locally mounted NI instruments have been identified as being installed prior to April 7, 1982. To date, using ASME III documentation criteria as a basis for comparison, full or partial compliance can be shown for the 12 installation at issue. Of the remaining installations 35 had no class breaks, 19 were thermocouples with no tubing, and 24 had been reclassified to N2 (i.e. not required for safe shutdown).

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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3. Instrumentation Expansion Loop Separation	Correct separation criteria violations found in system 52A and provide a program for review of other safety- related violations and take the necessary corrective actions.	NCR-W3-7702 covers the system 52A problems and has been dispositioned to remove the expansion loops in question thus solving the problem.	7/13		The walkdown to date represents approximate- ly 20% of the installa- tions to be walked down and the amount of rework being identified has been found to be very minor (i.e. three feet of tube track cover). If the issue had gone undetected it would not have been likely to cause a safety concern.
		NCR-W3-7730 was generated to track the generic concern. In order to provide some basis for determining the scope of our program, a sample of 51 instrument installations were chosen for review in area of congestion, and walkdowns of these lines were done. Thirteen violations were found out of 276 locations, although only one required rework. It was decided to perform a QC verification of all lines where the redundant tubing was run together and take the appropriate action. An interim response discussing the resolution of NCR-W3-7702 items and the status of NCR-W3-7730 reinspections will be provided as well as a schedule for completion of the reinspections.			

PRELIMINARY

PROGRAM PLAN

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4. Lower Tier Corrective Actions Are Not Being Upgraded to NCRs	LP&L shall review all FCRs, DCNs, EDNs, and T-B DNS to assure that proper corrective action was taken, including an adequate review by QA. This corrective action shall include the steps required by 10CFR50, Appendix B, Criterion XVI Corrective Action and for Construction Deficiency Reporting, 50.55(e). Also, included in this review shall be the examination of improper voiding of all other design changes or discrepancy notices that affected safety-related systems or that were misclassified as safety.	LP&L will review the lower tier document reporting system to ensure it was structured in such a manner that procedures, integral to the Quality Program, provided a sound basis for decisions regarding the severity level of documents used to report deficiencies. The review will specifically consider QA and QC reviews of engineering/construction judgements on deficiencies as it relates to the corrective action and nonconformance requirements of 10 CFR 50 Appendix B and the reporting requirements of 10 CFR 50.55(e). The response will include an assessment of all the lower tier documents specifically cited by the NRC to verify the adequacy of the proceduralized safeguards in assuring that deficiencies with safety significance are being properly dispositioned and reported. There will also be an assessment of improper voiding.	7/9		Based on the current review, LP&L expects to demonstrate that there has been adequate QA/QC involvement in all lower tier documents with regard to 10CFR50, Appendix B corrective action and non-conformance requirements. This involvement is expected to show that appropriate corrective actions, specific and generic, are identified Our current evaluation of the examples of lower tier documents cited by the NRC demonstrates that although a small percentage should have been upgraded to NCR's under the quality program in effect, none had adverse safety significance.

PRELIMINARY

PROGRAM PLAN

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5. Vendor Documentation Conditional Releases	The concern relates to whether shortcomings in contractor's documentation which existed at the time the material was supplied have been corrected.	A problem did exist with formal tracking of Combustion Engineering Conditional Certifications of Equipment. Records associated with CE material and equipment will be re-reviewed and conditional certifications will be identified and promptly resolved. Control of CE material and equipment differs from that of other contractors. In order to verify that a similar problem does not exist in the case of other contractors, a sample audit of other critical purchase orders will be performed. If the sample audit identifies any other problems with the handling of contractor material releases, additional reviews will be initiated.	7/13		The CE records and other records with the exception of JA Jones and Waldinger have been reviewed. To date 8 of 14 CE conditional certifications have been changed to unconditional. No items affecting plant safety have been identified in any of the completed reviews and dispositions.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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6. Dispositioning of Non-conformance and Discrepancy Reports	Some Ebasco and Mercury NCRs and Ebasco DRs were questionably dispositioned and LP&L shall propose a program to assure all NCRs and DRs are appropriately upgraded, adequately dispositioned and corrective action completed and that any problems detected are corrected.	<p>First, the inplace program for handling of lower tier documents such as DRs will be discussed.</p> <p>Second, the specific NCRs and DRs cited by the NRC will be evaluated for proper designation, disposition, and implementation of corrective action under the existing Quality program.</p> <p>Third, a review of all NCRs was started by LP&L in January to assess the validity of the disposition, the corrective action taken, the completeness of the documentation and proper closure.</p> <p>Fourth, a field verification will be conducted on one hundred randomly selected NCRs to ensure the corrective action resolved the nonconformance.</p> <p>If any problems are detected from these steps, a plan of further corrective action will be established.</p>	7/13		<p>To date, the NCRs cited by the NRC have been evaluated. Five of the 49 are being further evaluated. Three impact hardware and two software. The balance have been shown to be adequately dispositioned. The overall review of NCRs has been completed with the exception of approximately 300. This review showed 416 of the total 7750 NCRs were questioned. 85% of these deficiencies were documentation related and were not significant. The balance will be closed.</p> <p>To date 12 of 100 NCRs have been field verified. No conclusions have been drawn as of yet.</p>

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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7. Backfill Soil Densities	Conduct a review of all soil packages for completeness and technical adequacy. Where records are missing or technical problems are defined, take corrective action.	The backfill records are being reviewed for completion and technical adequacy, record packages are being located and any technical issues will be evaluated.	7/13		The effect of any postulated variations in density in the fill is not of significance relative to the seismic response of the plant as designed. In addition, should there be a few missing records, a satisfactory demonstration of the quality of the backfill will be provided.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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8. Visual Examination of Shop Welds during Hydrostatic Testing	Document inspections of shop welds during hydro tests or otherwise verify such inspection.	LP&L will provide documentation verifying that shop welds were inspected by qualified inspectors.	7/6		Investigations to date show that shop welds were inspected and accepted during hydrostatic tests by an Authorized Nuclear Inspector as demonstrated by reports. The ASME N-5 code data reports also confirm that there was inspection of shop welds. The methodology of the field hydrostatic tests provide additional qualification of testing. Documentation on the above will be provided.

PRELIMINARY

PROGRAM PLAN

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9. Welder Certification	Locate missing documents for instrument cabinet welds and determine if welders were appropriately certified. Take appropriate action to assure the quality of the supports if documentation cannot be located.	<p>NCR W3-7549 was generated on 2/1/84 to track this problem. No documentation was found on three of the eighteen cabinets and partial documentation found on four. All seven were reinspected and found acceptable.</p> <p>As a result of the missing documentation, a review is being performed to determine other miscellaneous cases where Jones performed welding. Documentation for the welding identified will be reviewed.</p>	7/20				All welding evaluated to date has been found acceptable.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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10. Inspector Qualification (J. A. Jones and Fegles)	Verify the proper certification of QA/QC personnel and evaluate the impact of any deficiencies found.	<p>A reassessment of the adequacy of the program to certify inspectors will be performed for approximately 20% of all QC inspectors to assess the safety significance of the concern.</p> <p>Where deficiencies are identified, the inspections made by the subject QC personnel will be reviewed and an evaluation made of the safety significance with regard to design construction and operation. The need for additional corrective action will be assessed as part of the safety evaluation.</p>	7/13		<p>Preliminary evaluations of J. A. Jones QC personnel qualifications questioned by the NRC indicate they were qualified and certified to perform their assigned work function. The sample size was twenty percent (20%). Nineteen of the 20 were qualified and one was qualified pending clarification. Additional backup information was requested from Fegles to complete our evaluation. It is important to note that the inspectors performed no non-destructive testing (NDT). NDT was provided by GEO.</p>

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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11. Cadwelding	Provide the cadweld data for the project in such a form that it can be readily compared to the testing criteria used for the Waterford 3 project with data broken down by various categories. Provide data on welder qualification and requalification including dates.	<p>The cadweld records will be transcribed onto computer data storage including the placement number, cadweld number, bar size, bar position, visual inspection acceptance or rejection, production splice tensile test acceptance or rejection, and sister splice tensile test acceptance or rejection.</p> <p>In this form the cadweld data can be called up by any of these attributes to expedite review for specification compliance or other reason. Also, physical location of cadwelds may then be readily obtained by reference to the concrete placement lift diagrams which locate the placements.</p> <p>Data on welder qualification and requalification will be gathered and provided as part of this effort.</p>	7/20		Prior reviews have already been accomplished under NCR W3-6234 and non-conforming conditions resolved.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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12. Main Steamline Framing Restraints	Complete the documentation for all connections in the steam generator framing.	SCD 78 was resolved and subsequently reopened upon discovery that inspections in one area were not complete. NCR-W3-7736 issued to track resolution of the deficiency. In order to assure complete resolution of this concern, LP&L initiated both a 100% QC reinspection of steam generator framing connections as well as a review of the American Bridge work scope against the scope of SCD 78 reinspections to assure that reinspections were complete.	7/13		The safety significance of not replacing the bolts which were replaced is still under evaluation. However, the actual restraint structure is not needed until the reactor generates power and therefore the bolting is not a constraint to fuel load or operations up to 5% power.
		All connections were reinspected. Requisite bolt replacement and NCR closure is scheduled to be completed by July 6, 1984.			

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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13. Missing NCRs	LP&L shall obtain the missing NCRs, explain why these NCRs were not maintained in the filing system, review them for proper voiding, and assure that when an issue is raised to an NCR, it is properly filed for tracking and closure.	<p>LP&L is conducting a review of closed and voided Ebasco NCRs to determine if they are not properly indexed and filed in the QA records vault.</p> <p>The evaluation will identify all NCRs, which are indicated as closed or voided by site QA tracking mechanisms but not vaulted, and provide an explanation as to why they are missing, assure proper voiding, and assure proper filing and tracking.</p> <p>A similar evaluation is being conducted on NCRs which were issued by Ebasco QA in New York.</p>	7/6		<p>A review to date indicates that only five out of more than 7500 site-issued NCRs, which have been closed or voided, are not indexed and filed. Of the five NCRs which have not been indexed and filed, it can be demonstrated that they apparently were never issued. Sufficient documentation is on file to demonstrate the acceptability of the safety-related items described in the log entries corresponding to these five NCR numbers. The review indicates the problem stems from NCR tracking system utilized prior to mid-1979, and that since then the improved NCR tracking system has been adequate. In addition the review indicated that there were thirteen numbers that were apparently never assigned to an NCR. LP&L is in process of confirming that NCRs with these numbers were never issued.</p>

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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14. J. A. Jones Speed letters and EIRs	<p>During the Flasco QA review of J. A. Jones speed letters and engineering information requests, several items that could affect plant safety were noted. Based on its sample of these actions, the staff does not expect that any of these items will significantly affect plant safety. Nevertheless, the applicant should complete the actions identified in these reviews and issues raised shall be resolved promptly.</p>	<p>First, a review has been conducted of correspondence between J. A. Jones and Ebasco via Speed letters and EIRs.</p> <p>Second, a review of such correspondence in which design changes were conveyed to J. A. Jones without reference to follow-up action to formalize the changes is being conducted to determine safety significance.</p> <p>Third, a minimum sample of ten percent of informal documents such as speed letters and EIRs by other contractors performing safety-related work who utilized these type of documents is being conducted. The need to review additional documentation will be determined based on the results of this review.</p>	7/20		<p>To date about 1100 pieces of JA Jones correspondence have been reviewed and 271 design changes identified. Of these, 190 have been approved as acceptable, 27 are the subject of field investigations to develop information for evaluation, and the balance are under review. To date no safety problems have been defined that would require rework.</p> <p>For other contractors, the review has shown that 8 of 42 Fegles, 3 of 119 Waldinger, and 2 of 660 T-B informal documents could involve design changes. These reviews are substantially complete and evaluations are in process.</p>

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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15. Welding of "D" level Material Inside Containment	Locate the documentation for "D" level material welding and verify the adequacy of the information or perform a material analysis and NDE work, or rework the welds.	LP&L will conduct a review to confirm that material and weld rod records exist to establish material control for all "D" material welds; identify and verify the certification of all welders, and; provide inspection, procedures and data as well as affidavits from inspectors. Documentation will be tied to specific welds as much as possible. This will include identification of "D" material welds and compilation of: 1) applicable CB&I "as built" drawing numbers; 2) identification of welds by piece mark numbers and material type (i.e. D to D, D to B, etc.); 3) quantities for repetitious weld I.D.'s; 4) weld type and size, and; 5) indication as to shop or field welds. LP&L will evaluate the results and determine whether reinspections are required and what the scope of such a reinspection will be.	7/13		The CB&I QA manual requirements for documentation of fit-up and final weld inspections do not apply to "D" material welding although weld inspections were performed. The work was performed by the same welders and inspected by the same welding supervisors to the same standard as the rest of the CB&I work for which documentation is provided. This provides a high degree of confidence in the quality of the finished work. Additionally very low rates of rejection in NDE tests and in independent surveillances and audits indicates high work quality.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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16. Surveys and Exit Interviews of QA Personnel	The NRC was critical of the manner in which a program of interviewing site QA/QC personnel in order to identify and take appropriate action regarding their concerns was conducted.	<p>The interview forms have been personally reviewed by the Senior V.P. - Nuclear to assess whether the program met his intent and the basis for the NRC comments. Two further LP&L staff actions remain.</p> <ol style="list-style-type: none"> 1) A review by the Independent Safety Evaluation Group (ISEG) primarily to assure that the concerns received during the interviews were or will be appropriately addressed and necessary corrective actions taken. 2) A determination as to the scope and manner in which future methods of addressing issues raised by individuals are addressed. 	7/9		Reviews to date have not identified significant safety concerns not already identified.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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17. QC Verification of Expansion Anchor Characteristics	The NRC is concerned on whether there was sufficient QC verification of the characteristics necessary to ensure proper installation of concrete expansion anchors installed by Mercury.	The concern stems over the fact that a 1982 revision of an inspection form does not list the requisite QC inspection attributes. The initial review of this matter indicates that the requisite QC reviews were made as required by the drawings which accompanied the inspection forms. This was substantiated by a thorough review of Mercury quality records. LP&L will prepare a response discussing the incorporation of drawings into the procedure, training of Mercury personnel, the QC review and substantiation of records and a root cause evaluation of the problem.	7/6		Initial reviews show that the requisite characteristics were part of the procedure (incorporated by drawings). This provides reasonable assurance that QC verification was adequate. Previously there were 896 re-inspections made of installed expansion anchor characteristics to confirm records validity.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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18. Documentation of Walkdowns of Non-Safety Related Equipment	Documentation should be provided that clearly shows what equipment was reviewed during the walkdowns and on what bases it was concluded that the installation was acceptable.	The response to this issue discusses the manner in which design and installation considered the effects of interactions of non-seismic with safety-related systems during an SSE. Documentation attesting to the scope, conduct and results of the review will be provided.	7/6		<p>The design and construction of Waterford-3 considered interactions of non-seismic Mechanical, Electrical, HVAC, Civil and Instrumentation equipment with safety-related equipment.</p> <p>The walkdown verified that such interactions do not constitute a safety concern.</p>

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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19. Water in Basemat Instrumentation Conduit	Review all conduit that penetrates the basemat and terminates above the top of the basemat to assure that these potential direct access paths of water are properly sealed.	<p>A walkdown was performed which identified 19 places where wetness due to seepage from conduits was found. These cases will be addressed by removing the existing seals and replacing them with a light density silicone elastomer which has the capability to stop the seepage. This work will be performed at the convenience of LP&L since the slow seepage through the seals is not a flooding hazard but rather a nuisance to maintenance.</p> <p>Temporary conduits which enter the basemat from outside, and which once allowed passage of ground water in quantities that required periodic pumping, have now all been pressure grouted and their temporary blockout pits filled with concrete and no longer serve as a leak path for ground water.</p> <p>The one piezometer standpipe which remains in service will also be grouted since it monitors a deep aquifer of no present interest.</p>	7/6		There was never a path for ground water to flow in sufficient quantity to flood the auxiliary building basement, even before the seals were installed and before the temporary conduits were grouted. The floor drain and sump pump system was more than adequate to handle the quantity of water which entered the building during construction, and is adequate to handle the much reduced quantity presently observed.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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20. Construction Materials Testing (CMT) Personnel Qualification Records.	Verify the proper certification of construction materials testing personnel.	LP&L is reviewing the supporting documentation for the corrective action of NCR-W3-F7-116 to ensure the adequacy of the corrective action. Additional supporting information will be sought as necessary in order to confirm adequate qualifications. Evaluation will be made of the adequacy of certifications for individual personnel and if certifications are judged inadequate, the implied safety concerns that are raised will be addressed.	7/13		Corrective action taken as a result of an LP&L Task Force verification effort on GEO documentation for CMT personnel qualifications (See NCR W3-F7-116).

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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21. LP&L Construction System Status and Transfer Reviews.	A concern exists over whether construction deficiencies were properly dispositioned or identified during the process of transferring systems from construction to plant operations.	A review of transfer correspondence on the systems which were the cause of this concern will be performed. A review will be conducted to verify that deficiencies in transferred systems had no impact on testing.	7/6		A review of 100% of turnover/transfer correspondence showed no additional correspondence was outstanding beyond that previously identified. Deficiencies identified on the outstanding correspondence (13 SUS) have been reviewed by LP&L start-up/operations and it was determined that there was no impact on testing.

PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

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22. Welder Qualification (Mercury) and Filler Material Control (Site Wide)	Verify welder qualifications or assure the quality of all welds. Provide engineering justification for the allowance of "rebake" temperatures and holding times that differ from the requirements of the ASME and AWS Codes.	LP&L has conducted a review of all Mercury welders. The review confirmed that the documentation to support their proper qualification is available. Baking/rebaking is not allowed on the site and the complete answer will describe the site procedures and applicable code requirements and show that handling of filler material meets the required codes.	7/6		Documentation to support the proper qualification of all Mercury welders is available. NCR-W3-7724 was opened to document qualifications sheet errors for 3 welders. No code deviations exist.

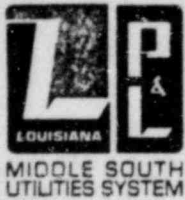
PRELIMINARY

PROGRAM PLAN

CURRENT ASSESSMENT OF SAFETY SIGNIFICANCE

ISSUE & TITLE	DESCRIPTION OF ISSUE	LP&L APPROACH TO RESOLUTION	DATE	NONE FL TO 5% >5%	JUSTIFICATION
23. QA Program Breakdown between Ebasco and Mercury.	Determine the cause of the breakdown, the adequacy of the corrective action, and provide assurance on the adequacy of the operational QA Program.	LP&L will review corrective action commitments made on the NRC enforcement action and provide a detailed evaluation of the actions taken. A review of the audit programs will be performed to evaluate frequency and followup of required corrective actions of the program. The independent management assessments will be reviewed with actions taken.	7/13		The Mercury reviews have been completed with the exception of SCD-61 "Linear Crack in Stainless Steel Tubing"(currently under reevaluation). The review indicates that there are no open items affecting plant safety.
		LP&L will provide an assessment of the overall QA program to provide assurance that the QA program can function adequately during operations.			

PRELIMINARY



**LOUISIANA
POWER & LIGHT**

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June 20, 1984

J.M. CAIN
President and
Chief Executive Officer

W3B84-0445

Mr. Saul Levine
NUS Corporation
910 Clopper Road
Gaithersburg, Maryland 20878

Mr. Robert L. Ferguson
UNC Nuclear Industries, Inc.
1200 Jadwin, Suite 425
Richland, Washington 99352

Mr. Larry L. Humphries
UNC Nuclear Industries, Inc.
P.O. Box 490
Richland, Washington 99352

SUBJECT: Pre-Licensing Issue Assessment
Task Force Charter

REFERENCE: Discussions in the Offices of Shaw, Pittman,
Potts & Trowbridge, Washington, D.C., June 13, 1984

Dear Messrs: Levine, Ferguson and Humphries:

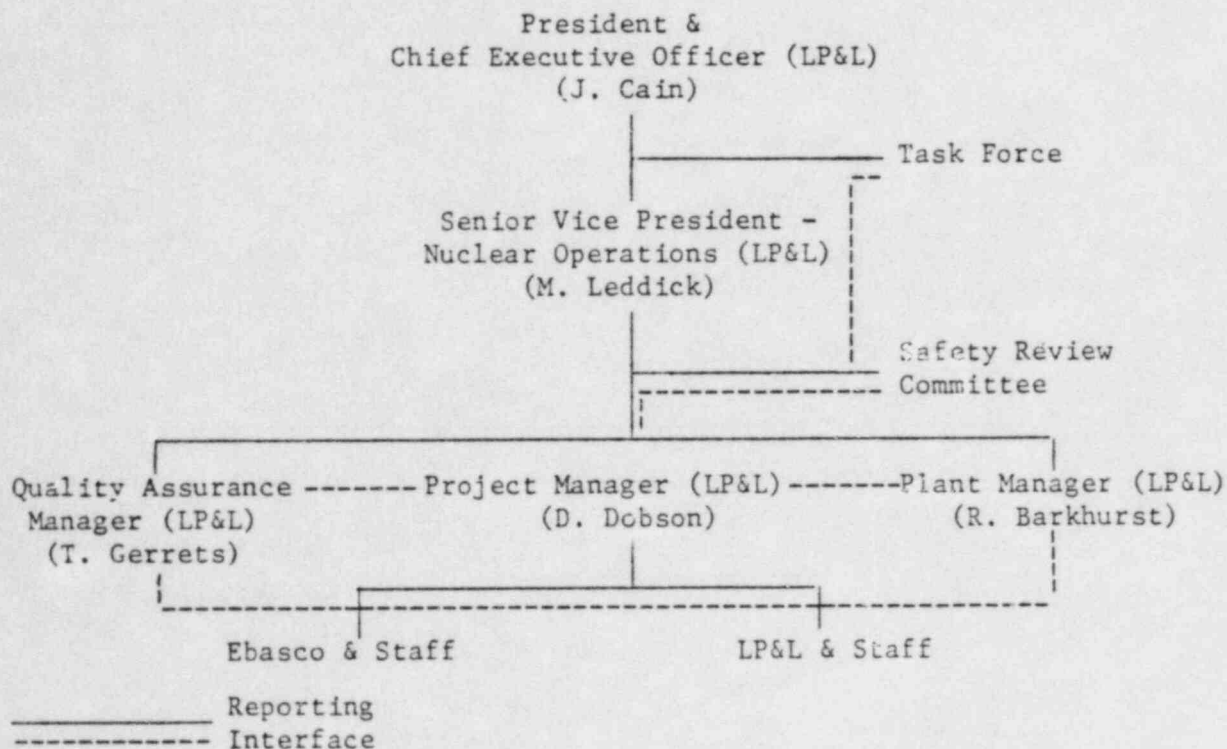
Pursuant to discussions in the referenced meeting, this formalizes agreements reached between us as to the charter of the subject Task Force.

The roles of UNC and NUS will be to act as a task force in providing assessment and advice in responding to the NRC letter of June 13, 1984. It is important to emphasize that both UNC and NUS will maintain sufficient independence in order to provide to me as Chief Executive Officer of LP&L an independent professional assessment regarding the functions listed below. Your assessments will be formalized and sent to the Director of the Office of Nuclear Reactor Operations at the same time they are provided to me.

- The Program Plan and implementation schedule requested in the NRC letter.
- The adequacy of responses and resolutions (including validation of data and sources, as appropriate) of the matters set out in the NRC letter.

- The safety significance of the matters listed in the NRC letter with respect to:
 - Fuel load and testing up to 5% power
 - Operation above 5% power
- The adequacy of the past QA/QC program in light of the matters listed in the NRC letter, and the resolution of such matters.
- Recommend institutional or programmatic changes that are deemed appropriate during plant operation in light of the lessons learned as a result of the matters set forth in the NRC letter, and the LP&L responses hereto.

The following abbreviated organization chart is provided to clearly depict that the Task Force is to have access to and interface with all necessary elements of the Waterford staff but is to report directly to me.



Very truly yours,

J.M. Cain
J.M. Cain

JMC:DED:pb

cc: G. Charnoff, R.S. Leddick, D.E. Dobson