



LOUISIANA
POWER & LIGHT

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May 17, 1984

W3P84-1412
Q-3-P43

Director of Nuclear Reactor Regulation
Attention: Mr. G. W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Correction of Appendix R Audit Deficiencies and
Additional Information Related to Appendix R
Exception Requests

- Enclosure 1. Resolution of Appendix R Audit Findings
2. Station Modifications Resulting From Appendix R Audit Follow-Up
3. Computer Listing of Safe Shutdown Equipment List

Dear Sir:

The purpose of this letter is to document resolutions reached with NRC fire protection reviewers in correcting deficiencies identified during an audit for Appendix R compliance conducted at Waterford 3, April 9-13, 1984. On May 2, 1984, LP&L Fire Protection Task Force members met with the NRC in Bethesda to discuss further proposals by LP&L to correct fire protection findings.

Enclosure 1 presents audit team concerns identified during the Appendix R audit exit interview. LP&L commitments agreed to during the 5/2/84 meeting are documented in this enclosure, as well as additional information requested by the cognizant NRC reviewer to close out certain fire protection issues.

Enclosure 2 identifies the station modifications LP&L has agreed to implement to correct or close out fire protection concerns. Enclosure 3 is a computer listing of safe shutdown equipment by fire area provided at the request of Auxiliary Systems Branch. To correctly understand this listing it must be used in conjunction with safe shutdown equipment descriptions in FSAR Section 9.5.1.A.

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Mr. G. W. Knighton
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We trust that the information provided by this letter is sufficient to allow completion of related fire protection safety evaluations. Should you have any further questions concerning this subject please contact our licensing fire protection reviewer, Kevin Curley, at (504) 363-8950.

Yours very truly,

K. W. Cook
K. W. Cook *by KRT*
Nuclear Support and Licensing Manager

KWC/KNC/smb

Enclosures

cc: E. L. Blake, W. M. Stevenson, D. M. Crutchfield, J. Wilson, D. J. Kubicki,
J. Weirmiel, N. Fioravante, G. L. Constable, J. Collins

RESOLUTION OF APPENDIX R AUDIT FINDINGS

1. ALTERNATE SHUTDOWN CAPABILITY AND SAFE SHUTDOWN EQUIPMENT LIST

As a result of incorrect assumptions in the alternate shutdown capability analysis, the safe shutdown procedure and the equipment list are inadequate for a control room fire and cable vault fire.

By May 28, 1984 LP&L will have an approved procedure for safe shutdown outside the control room with loss of offsite power. By this date a sufficient number of operators will be trained on this procedure and be available to conduct a walk-through demonstration for NRC observance as desired. Complete training of all operators on this procedure will be performed prior to receipt of our full power license.

A revised safe shutdown equipment list which is in agreement with the above procedure will be included in our forthcoming FSAR Amendment 36. A breakdown of safe shutdown equipment by fire area is forwarded as enclosure 3 per Auxiliary System Branch's request.

2. MARCH 26, 1984 EXCEPTION REQUESTS

More information concerning the below listed items in the exception package was requested during the 4/9/84 Audit.

a. CHILLERS RAB E. L. + 46.0

Additional information relating the loss of all chillers to their impact on safe shutdown capability was requested. By agreement reached during the 5/2/84 meeting, the NRC Chemical Engineering Branch (CEB) will evaluate the merits of the submitted exception request based solely upon the existing fire protective features. LP&L need not submit a temperature effects analysis for loss of all chillers as previously requested.

b. ISOLATION PANEL RELAY ROOM

Mr. John Stang (NRC) could not evaluate the exception without knowing the effects on safe shutdown a loss of this panel would have. Mr. Edward McDougal (BNL) determined that this panel should be included in an associated circuits analysis.

By agreement reached 5/2/84, LP&L will provide a study on effects that a loss of this panel will have on safe shutdown capability including an analysis for hot shorts, open circuits and shorts to ground. An automatic halon suppression system need not be installed as previously proposed pending the results of this study. After initial criticality LP&L will provide a continuous fire watch in the relay room until an acceptable solution is proposed and implemented.

3. OBSTRUCTION TO SPRINKLER COVERAGE

During the Appendix R Audit, Mr. John Stang expressed his concern with obstructions to sprinkler coverage and gave specific examples in the switchgear rooms, Relay Room and Emergency Diesel Generator Rooms.

Obstructions to sprinkler coverage can be categorized into three types discussed below:

a. OBSTRUCTIONS BELOW SPRINKLER HEADS

Initial design provided sprinkler coverage below ducts greater than 48" inch width per NFPA 13 paragraph 4-4.13. As a result of sprinkler systems walkdown conducted by an experienced Fire Protection Engineer, an additional 147 sprinkler heads were added in the RAB as a result of obstructions (cable trays, piping, ducts, etc.) which may be less than 48" but were considered significant obstructions to sprinkler coverage. Criteria used is as follows: (1) Where any combination of obstructions (ducts, piping, cable trays, etc.) although individually less than 48" wide but when viewed in the vertical plane creates a contiguous obstruction greater than 48", or (2) where vertical stacks of cable trays and/or multiple cable trays adjacent to each other significantly obstruct sprinkler coverage, additional sprinkler protection is required below obstructions.

b. LATERAL OBSTRUCTIONS

A re-walkdown of all sprinkler systems in the RAB has been completed and specifically addressed lateral obstructions to sprinkler heads and a more conservative approach to criteria a(2) listed above. This walkdown and evaluation were conducted by experienced Fire Protection Engineers. Additional criteria used in this walkdown are outlined in paragraph 4-2.3 of Appendix "B" to NFPA 13. Each sprinkler head was evaluated on a case by case basis and where obstructions occurred, an additional sprinkler head was added below the obstruction or the head was relocated if coverage by adjacent sprinklers did not protect the obstructed area. Sixty-eight additional sprinkler heads will be installed and 18 will be relocated in the RAB. Additional sprinkler heads will be provided as follows: +46.00 E.L. - 7 heads, +35.00 E.L. - 8 heads, +21.00 E.L. - 39 heads, +7.00 E.L. - 2 heads, -4.00 E.L. - 2 heads and -35.00 E.L. - 10 heads. For the areas specifically addressed during the audit, a breakdown of the sprinkler installation/rework is as follows: Switchgear Rooms - 35 heads, Relay Room - 2 heads and Emergency Diesel Generator Room "B" - 1 head. All sprinkler head installation/rework will be completed prior to exceeding 5% of our full power license.

NFPA 13 paragraphs 4-2.1.2 and 4-2.2.2 for ordinary hazard occupancy allows a maximum 15' spacing between sprinkler heads and 130 sq. ft. floor area protected by a single sprinkler head. Waterford 3 design utilizes a maximum of approximately 85 sq. ft. floor area protected by a single head and in most areas averages 60 (or less) sq. ft. head spacing. In most areas, less than 8 ft. between sprinkler heads is utilized.

This close spacing of sprinkler heads is weighed against the Appendix B criteria when determining the need for relocation or addition of sprinkler heads due to lateral obstructions.

c. SPECIAL CONSIDERATIONS

The cable spreading room (RAB 4) and the two electrical penetration rooms (RAB 5 & 6) are special cases since the sprinkler coverage design for these areas incorporate both ceiling level sprinklers and dedicated spray nozzle protection for each cable tray below the top tray. Top trays are also provided with dedicated spray nozzle protection where ceiling level sprinklers cannot protect the top tray. Examples of these is where the top tray runs directly below and along concrete structural members (approximately 3' wide) where the distance between the tray and structural member is such that ceiling sprinklers will not directly cover the trays. The above design more than adequately protects these areas and addresses the concern for sprinkler obstructions.

4. SPRINKLER HEAD FUSIBLE LINK TEMPERATURE RATING

The concern expressed here by the NRC is a lack of a compensating measure for increasing sprinkler head temperature actuation above the NFPA 13 recommended setpoint. Our justification for such selection is discussed below.

At a nuclear facility, sprinkler system design must consider more than just control and/or extinguishment of a postulated fire. Due to the possible exposure of electrical equipment to sprinkler discharge in the area of fire, the sprinkler system design should minimize the number of sprinkler heads which may fuse and at the same time control and/or extinguish the fire. This design philosophy was utilized at Waterford 3 with regard to using intermediate and high temperature sprinklers in areas housing electrical equipment important to safety.

NFPA 13 section 3-16.6 addresses temperature rating for sprinkler heads. Paragraph 3-16.6.3 states Table 3-16.6.1 shall be used to determine temperature rating with one exception - "intermediate or high temperature sprinklers may be used in other than light hazard occupancies. For situations involving high piled combustibles or rack storage refer to NFPA 231, Standard for Indoor General Storage, and NFPA 231 C, Standard for rack storage of materials (See Appendix E)."

With few exceptions most sprinkler systems in the RAB are provided to meet the basis for Appendix R III.G.3 criteria (i.e. transient combustible hazards) and not for in-situ combustibles. Therefore, the postulated fire involves transient combustibles in the form of Class "A" combustibles and limited quantities of flammable liquids. Referring to NFPA 231, "Indoor General Storage" (which is referred to in NFPA 13 paragraph 3-16.6.3), Table 4-4.1.2 outlines requirements (sprinkler density, area of sprinkler demand and temperature rating for heads) for protection of wood idle pallets or nonexpanded polyethylene solid deck idle pallets (class A combustibles). Table 4-4.1.2 specifies for storage up to 6 ft. in height, a sprinkler density of .20 gpm/ft² and when 286°F heads (high temperature) are utilized,

the area of sprinkler demand is 2,000 sq. ft.; however, if 165°F heads are used, the area of sprinkler demand increases to 3,000 sq. ft. Thus, a fire with class "A" combustibles (pallets) may be controlled with fewer sprinklers (2,000 sq. ft. area of sprinkler demand) utilizing 286° heads compared to utilizing 165° heads requiring 3,000 sq. ft. area of sprinkler demand.

The design of sprinkler systems in the RAB, with the exception of the cable spreading room and electrical penetration areas which have dedicated tray and ceiling level sprinklers, is .25 gpm/sq. ft. for 3,000 sq. ft. area of sprinkler demand and in most cases utilize intermediate or high temperature rated heads. This design in both "sprinkler density" and "area of sprinkler demand" exceeds the requirements by NFPA for pallet storage 6' in height which is a reasonable correlation for accumulation of significant quantities of transient combustibles when applying NFPA codes to nuclear power plant construction.

The Waterford 3 sprinkler system design including sprinkler head temperature rating as indicated above is in compliance with NFPA 13 and maximizes the fire suppression capability while at the same time minimizing the possible adverse effects of sprinkler discharge.

5. FIRE DOORS

As requested by the NRC during our 5/2/84 meeting, additional information/clarification is provided for the following doors: D24, D28, D29, D71, D75, D77, D78, D46, D47, D85, D84, D91, D121, D123, D128, D141, D144, D161, D163, D165, D170, D174, D175, D178, D179, D192, D218, D219, D242, D259, D250, D252A, D228, D262, and D22.

Doors D144, D165, D242, and D22 are now U. L. labeled assemblies and can be removed from the list. Doors D121, D123 and D262 are located in walls requiring no fire resistance rating and therefore, they can be removed from the list. Doors D121 and D123 are in zone/zone walls requiring no rating and door D262 has been removed from the required fire door list and replaced with Door 261 which is a 3 hour U. L. listed assembly.

Doors D24, D29, D85, D174, D178, D179, D192, D218, D219, D252A and D228 are separating areas which are protected by automatic detection and suppression systems. Automatic sprinkler protection is provided on both sides of each door assembly. Doors D75, D128, D141, D163, D170, and D250 are separating areas which have automatic detection systems on both sides of the door assemblies and automatic suppression (sprinklers) systems on one side of the door assemblies. In the area on the non-sprinklered side of the door assemblies the Fire Hazard Analysis indicates insufficient in-situ combustibles to warrant suppression. The combination of detection systems in all areas, suppression systems on at least one side and very low fuel load in the non-sprinklered side insures that ambient temperatures on either side of these door assemblies will remain significantly low in the event of a fire.

The remaining doors are listed individually below:

- a. D28 - Door located in exterior RAB wall separating the building from adjacent Radwaste Solidification Building. Primary function of this door is other than fire resistance (i.e. tornado, missile, and flood proof).
- b. D71 - Door and frame had U.L. labels but they were removed during construction. U.L. inspected the door and had five comments, two of which U.L. stated were of no significance. The remaining three are:
 - (1) Combustible signs on door - a 7"X10" plastic, stick-on "Fire Door" sign is located on each side.
 - (2) Non approved gasketing material used - This material has been replaced with U.L. listed gasketing.
 - (3) Conduit penetrations to external side of door & frame - conduits will be provided with a B&B fire seal as outlined in LP&L letter W3P84-0089 dated March 19, 1984.
- c. D77 - Door and frame had U.L. labels but they were removed during construction. U.L. inspected the door assembly and had four comments, two of which they stated were of no significance. The remaining two are:
 - (1) Comment and response the same as item (1) for door D71.
 - (2) Comment and response the same as item (3) for door D71.
- d. D78 - Door and frame had U.L. labels but they were removed during construction. U.L. inspected the door assembly and had four comments, two of which they stated were of no significance. The remaining two are:
 - (1) Comment and response the same as item (3) for door D71.
 - (2) U.L. Listed "Panic Hardware" is installed in lieu of listed "Fire Exit Hardware". It will be replaced by U.L. listed fire exit hardware.
- e. D46 & D47 - These doors are located in a wall separating RAB 24 and RAB 25. RAB 24 has no safe shutdown equipment or cabling and RAB 25 has only single train cables and/or conduits for safe shutdown. Both areas have ionization smoke detection and neither area has redundant safe shutdown equipment.
- f. D84 - Refer to March 26, 1984 letter (W3P84-0709), enclosure 5. U.L. inspected this door and had one comment addressing the small (approximately 1'X 1') viewing glass installed in one of the double doors. The glass installed is bullet proof but is not a wire glass U.L. listed window for fire doors. The door is in a zone to zone wall and alternate shutdown capability is provided for the area.

- g. D91 - U.L. inspected this door and had three comments as follows:
- (1) Comment and response the same as item (1) for door D71.
 - (2) Comment and response the same as item (2) for door D71.
 - (3) Screw holes in door and frame - screw holes were closed utilizing methods acceptable to U.L.
- h. D161 - U.L. inspected this door and had one comment as follows:
- (1) Comment and response the same as item (1) for door D71.
- i. D259 - U.L. inspected this door and had two comments, one of which U.L. stated was of no significance. The remaining comment is as follows:
- (1) Comment and response the same as item (1) for door D71.

SER Supplement 5 for Waterford 3 addresses the fact that not all doors have U.L. labels and where this is the case, vendor letters of equivalence are provided. The above information is submitted to provide further clarification on the nature of the vendor equivalence.

6. ASSOCIATED CIRCUITS

The common power source and common enclosure portions of our associated circuits analysis were found complete during the Appendix R Audit. Additional documentation of our high pressure/low pressure interface valve study was suggested by the assigned auditor who could not complete the spurious operation portion of his associated circuits review for lack of a final safe shutdown procedure and equipment list as stated in Item No. 1 above. As discussed during the 5/2/84 meeting our spurious operation study was determined to be incomplete as a result of our audit follow up.

Clarification of the completeness of the spurious operation study conducted on high pressure/low pressure interface valves is documented in FSAR Amendment No. 36. As agreed to in our 5/2/84 meeting LP&L will submit for NRC review by 12/1/84, a fire induced spurious operation study for all essential safe shutdown systems and associated non-essential circuits whose spurious signals from hot shorts, open circuits or shorts to ground could defeat the functional capability of essential equipment or create personnel or equipment safety hazards. Prior to startup following the first refueling outage, LP&L will implement procedures or station modifications to address the effects of potential fire induced spurious operations.

7. MISCELLANEOUS AUDIT FINDINGS

The remaining audit findings are of a more general or minor nature and are addressed below:

a. INADEQUATE EMERGENCY LIGHTING FOR LOCAL DIESEL GENERATOR CONTROL PANELS

Additional 8-hour battery lights will be provided to provide direct illumination on the face of the local panels prior to fuel load.

b. QA COMMITMENTS NUCLEAR

The Quality Assurance Program for Fire Protection scheduled for implementation prior to fuel load (the Quality Assurance Program was applied to Fire Protection subsequent to May 15, 1979) consists of the necessary 10 CFR 50, Appendix B criteria to provide assurance that a fire will not prevent the performance of necessary plant safe shutdown functions and will not significantly increase the risk of radioactive releases to the environment. Only those criteria directly applicable to Fire Protection are included in the QA program. Briefly, these are: Design and Procurement Document Control; Instructions, Procedures and Drawings; Control of Purchased Material, Equipment and Services; Inspection; Test Control; Inspection, Test and Operating Status; Nonconforming Items; Corrective Action; Records; and Audits. The QA Program for Fire Protection is under the management control of the Corporate Quality Assurance Manager.

c. INADEQUATE FIRE PROTECTION ADMINISTRATIVE PROCEDURES

Deficiencies found in the recently cancelled Fire Protection Program (PMD-PE-010) will be corrected and implemented in the Replacement Fire Protection Program Plan (FP-1-013).

d. MISSING TRAINING

2 of 10 fire brigade members audited showed missing quarterly training sessions. After full implementation of the Fire Protection Program Plan (fuel load) only those personnel meeting the full training commitments will serve as fire brigade members.

e. REOCCURRING DEFICIENCIES FOUND IN PREVIOUS AUDITS

All past audit deficiencies will be reviewed and corrected prior to fuel load.

f. DIESEL FUEL SAMPLING PROCEDURES

Diesel oil sampling and transfer procedures will be revised prior to fuel load to preclude the potential for transfer of contaminated fuel to the diesel driven fire pump day tanks.

g. FIRE WRAP AND PENETRATION SEAL DAMAGE

Correction of all deficiencies are tracked by our construction completion/rework procedure (ASP-IV-141).

h. DIESEL FIRE PUMP DAY TANKS OVERFLOW TROUGH

The overflow troughs for the diesel fire pump day tanks are provided to enhance the protection for each diesel fire pump room. The primary protection between fire pump rooms for a diesel fuel oil spill is a 4" high concrete curb at the doors separating the pump rooms. Automatic sprinkler protection is provided for the entire fire pump house and each pump room is separated by a three hour rated fire wall. Three hour separation, automatic suppression and curbs at doors separating pump rooms provide adequate protection.

STATION MODIFICATIONS RESULTING FROM APPENDIX R AUDIT FOLLOW-UP

1. NEUTRON FLUX - Prior to startup following the first refueling outage, LP&L commits to providing neutron flux indication which is totally electrically independent of the control room and cable vault. In the interim the following compensating measures will be incorporated into alternate shutdown procedures in the event neutron flux indication is lost while shutting down from the remote shutdown panel (LCP-43):
 - a. Verify Charging Pump running, reliefs not lifting while adding makeup water from the Boric Acid M/U Tank (BAMT).
 - b. Verify charging (borating) valve lineup from LCP-43.
 - c. Monitor BAMT level.
 - d. Sample primary every 30 minutes for boric acid concentration while cooling down.
2. REACTOR COOLANT HOTLEG PRESSURE - RCS hotleg pressure indication at LCP-43 will be rerouted electrically independent of the control room and cable vault by fuel load.
3. EMERGENCY LIGHTING - As a result of our revised safe shutdown procedures 8-hour battery lights will be added prior to fuel load to the following areas:
 - a. Emergency Diesel Generator Rooms
 - b. Atmospheric Steam Dump (ADV) local valve operating area
 - c. Emergency Feedwater local valve operating area
 - d. BAMT Level local indication
4. ATMOSPHERIC STEAM DUMP VALVES - Local pneumatic control of the ADV's will be provided prior to initial criticality.
5. BORIC ACID M/U TANK GRAVITY FEED VALVES - Conduit for BAMT gravity feed valves will be provided with a one hour wrap at E.L. +35.00 prior to fuel load.
6. SAFE SHUTDOWN COOLING ISOLATION VALVES - Breaker lockout procedures during normal operation will be in effect by fuel load to prevent "spurious" operations of these Hi/Lo pressure boundary valves (ISI-VI504A, ISI-VI502B).
7. SMOKE DETECTION ACCW PUMP - One additional smoke detector will be placed over each ACCW pump prior to fuel load.
8. PRESSURIZER LEVEL INDICATION/RCB - At one location inside the reactor containment exists a covered tray containing a pressurizer level circuit which is 10 feet below its redundant pressurizer instrument cabinet. A 30 minute fire wrap will be provided for the subject cable tray out to greater than 20 feet horizontal separation from the redundant cabinet.

EDASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BF>AREA

F: LFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
CT1	DRY CLG TWR FAN	3A1	SA	731	HC
		3A10	SA	740	HC
		3A11	SA	741	HC
		3A12	SA	742	HC
		3A13	SA	743	HC
		3A14	SA	744	HC
		3A15	SA	745	HC
		3A2	SA	732	HC
		3A3	SA	733	HC
		3A4	SA	734	HC
		3A5	SA	735	HC
		3A6	SA	736	HC
		3A7	SA	737	HC
		3A8	SA	738	HC
		3A9	SA	739	HC
	MCC 480V	3A315-S	SA	731	HC
				732	HC
				733	HC
				734	HC
				735	HC
				736	HC
				737	HC
				738	HC
				739	HC
				740	HC
				741	HC
				742	HC
				743	HC
				744	HC
				745	HC
				761	HC
				762	HC
				763	HC
				764	HC
				765	HC
				766	HC
				767	HC
				768	HC
	TRANSFORMER	3A315-S	SA	731	HC

Legend:

SCL - Ultimate power source (A or B Diesel Generator). In most cases it can be used as an indication of divisional redundancy, but not necessarily (See description of safe shutdown equipment, FSAR 9.5.1A).

CWD - Control Wiring Diagram

H - Hot Shutdown Required

C - Cold Shutdown Required

EDASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 '84 * R: SDEWFEBA 05/15/84 06.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
	CONTROL PANEL		SA	0	H-
			SB	0	F-
	LCF-REM SD FNL		SA	0	F-
			SB	0	F-
				211	F-
				216	F-
	LCF-43 REM SD PL		SB	0	F-
	RTCD-CTL PAL		SA	0	F-
			SE	0	F-
CT1	DRY CLG TWR FAN	3A1	SA	731	FC
		3A10	SA	740	HC
		3A11	SA	741	FC
		3A12	SA	742	FC
		3A13	SA	743	FC
		3A14	SA	744	FC
		3A15	SA	745	FC
		3A2	SA	732	FC
		3A3	SA	733	FC
		3A4	SA	734	FC
		3A5	SA	735	FC
		3A6	SA	736	FC
		3A7	SA	737	FC
		3A8	SA	738	FC
		3A9	SA	739	FC
	MCC 480V	3A315-S	SA	731	FC
				732	FC
				733	FC
				734	FC
				735	FC
				736	FC
				737	FC
				738	FC
				739	FC
				740	FC
				741	FC
				742	FC
				743	FC
				744	FC
				745	FC
				761	FC
				762	FC
				763	FC
				764	FC
				765	FC
				766	FC
				767	FC
				768	FC
	TRANSFORMER	3A315-S	SA	731	FC

EHASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KBFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * F: SDEWFEB4 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
CT1	TRANSFORMER	3A315-S	SA	732	FC
				733	FC
				734	FC
				735	FC
				736	FC
				737	FC
				738	FC
				739	FC
				740	FC
				741	FC
				742	FC
				743	FC
				744	FC
				745	FC
				761	FC
				762	FC
				763	FC
				764	FC
				765	FC
				766	FC
				767	FC
				768	FC
CT2	DRY CLG TWR FAN	3B1	SB	781	FC
		3B10	SB	790	FC
		3B11	SB	791	FC
		3B12	SB	792	FC
		3B13	SB	793	FC
		3B14	SB	794	FC
		3B15	SB	795	FC
		3B2	SB	782	FC
		3B3	SB	783	FC
		3B4	SB	784	FC
		3B5	SB	785	FC
		3B6	SB	786	FC
		3B7	SB	787	FC
		3B8	SB	788	FC
		3B9	SB	789	FC
	MCC 480V	3B315-S	SB	781	FC
				782	FC
				783	FC
				784	FC
				785	FC
				786	FC
				787	FC
				788	FC
				789	FC
				790	FC
				791	FC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAFEA
F: WFSDEFB DATA REV:10 MAY 14 84 * R: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
CT2	MCC 480V	3B315-S	SB	792	FC
				793	FC
				794	FC
				795	FC
				811	FC
				812	FC
				813	FC
				814	FC
				815	FC
				816	FC
				817	FC
				818	FC
	TRANSFORMER	3B315-S	SB	781	FC
				782	FC
				783	FC
				784	FC
				785	FC
				786	FC
				787	FC
				788	FC
				789	FC
				790	FC
				791	FC
				792	FC
				793	FC
				794	FC
				795	FC
				811	FC
				812	FC
				813	FC
				814	FC
				815	FC
				816	FC
				817	FC
				818	FC
CT3	WET CLG TWR FAN	3A1	SA	761	FC
		3A2	SA	762	FC
		3A3	SA	763	FC
		3A4	SA	764	FC
		3A5	SA	765	FC
		3A6	SA	766	FC
		3A7	SA	767	FC
		3A8	SA	768	FC
CT4	WET CLG TWR FAN	3B1	SB	811	FC
		3B2	SB	812	FC
		3B3	SB	813	FC
		3B4	SB	814	FC
		3B5	SB	815	FC

LEASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFERA 01/15/84 CF.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
CT4	WET CLG TWP FAN	386	SB	816	HC
		387	SB	817	HC
		388	SB	818	HC
RAB 01A	CONTROL PANEL	CF- 2	SA	0	HC
				204	H-
				273	HC
			SAB	276	HC
				277	HC
			SE	0	HC
				205	H-
				273	HC
		CF- 4	SA	0	-C
				294	-C
				334	-C
				337	-C
				365	-C
			SAB	370	-C
			SE	0	-C
				295	-C
				339	-C
				342	-C
				375	-C
		CF- 7	SA	267	HC
			SB	267	HC
		CF-10	SA	0	H-
				210	H-
				215	H-
				267	HC
			SB	0	H-
				211	H-
				216	H-
				267	HC
		CP-12A	SA	0	H-
		CP-12E	SB	0	H-
		CF-2	SA	0	H-
			SB	0	H-
		CP-25	SA	267	HC
				273	HC
				548	-C
				589	-C
		CF-26	SA	210	H-
				215	H-
			SB	267	HC
				273	HC
				548	-C
				589	-C
		CF-28	SAB	339	-C
			SE	211	H-

EPASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <DFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFERA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 01A	CONTROL PANEL	CP-28	SB	216	F-
		CP-29	SAB	339	-C
		CP-30	SA	204	F-
				539	-C
			SB	0	F-
				205	F-
				273	HC
		CP-31	SA	0	F-
				273	HC
			SAB	276	HC
				277	HC
			SB	534	-C
		CP-41	SA	1017	-C
				1049	HC
				1075	HC
				1117	HC
				1165	HC
		CP-42	SA	1085	HC
				1530	F-
				1546	F-
				1548	F-
				1550	F-
				1643	F-
			SB	1119	HC
		CP-43	SAB	1065	HC
		CP-44	SD	1018	-C
				1059	HC
				1079	HC
				1167	HC
		CP-45	SB	1088	HC
				1530	F-
				1547	F-
				1549	F-
				1550	F-
				1658	F-
		CP-46	SA	0	HC
				713	HC
				731	HC
				732	HC
				733	HC
				734	HC
				735	HC
				736	HC
				737	HC
				738	HC
				739	HC
				740	HC
				741	HC

EBASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA

F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEGA 05/15/84 06.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 01A	CONTROL PANEL	CF-48	SA	7-2	HC
				743	HC
				744	HC
				745	HC
				752	HC
				761	HC
				762	HC
				763	HC
				764	HC
				765	HC
				766	HC
				767	HC
				768	HC
			SB	0	HC
				811	HC
				812	HC
				813	HC
				814	HC
				815	HC
				816	HC
				817	HC
				818	HC
		CF-49	SB	714	HC
				781	HC
				782	HC
				783	HC
				784	HC
				785	HC
				786	HC
				787	HC
				788	HC
				789	HC
				790	HC
				791	HC
				792	HC
				793	HC
				794	HC
				795	HC
				802	HC
		CF-50	SA	0	HC
				204	HC
			SB	205	HC
	CTL RM LIGHTS	3A	SA	0	HC
		3B	SB	0	HC
	LOCAL PANEL	LF 318PA	SA	0	HC
		LF 319FD	SB	0	HC
	RELT FL SU CHSR	JI-RC0005	SA	0	HC
		JI-RC0006	SB	0	HC

EBALCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEFC DATA REV:10 MAY 14 84 * R: SDEWFBA 05/15/84 00.09.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 01A	RTCB-CNTL PNL	CP-B	SA	585	-C
			SB	585	-C
	RTCB-CNTL PNL	CP-B	SA	0	F-
				210	F-
				215	F-
				516	-C
				517	-C
				530	-C
				532	-C
				533	-C
				539	-C
				541	-C
				543	-C
				546	-C
				552	-C
				564	-C
				583	-C
				589	-C
				595	-C
				596	-C
				597	-C
				705	FC
				713	FC
				847	FC
				1509	F-
				1525	F-
				1530	F-
				1531	F-
				1535	F-
				1546	F-
				1548	F-
				1550	F-
				1643	F-
			SAB	707	FC
			SB	0	F-
				211	F-
				216	F-
				518	-C
				519	-C
				534	-C
				535	-C
				537	-C
				538	-C
				542	-C
				544	-C
				546	-C
				558	-C
				570	-C

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * F: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 01A	RTLED-CNTL PNL	CP- 8	SE	587	-C
				589	-C
				590	-C
				591	-C
				592	-C
				709	FC
				714	FC
				848	FC
				1509	F-
				1525	F-
				1530	F-
				1533	F-
				1536	F-
				1547	F-
				1549	F-
				1550	F-
				1658	F-
		CP-18	SA	1000	-C
				1001	-C
				1005	-C
				1010	FC
				1011	FC
				1012	FC
				1017	-C
				1020	F-
				1026	FC
				1041	FC
				1045	FC
				1048	FC
				1049	FC
				1075	FC
				1083	FC
				1085	FC
				1086	FC
				1089	FC
				1117	FC
				1121	FC
				1132	FC
				1133	FC
				1169	FC
				1242	FC
			SAB	1065	FC
				1068	FC
				1069	FC
			SE	1002	-C
				1003	-C
				1007	-C
				1013	FC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KEFAPFA
F: WFSDFC DATA REV:10 MAY 14 84 * R: SDEWFERA 05/15/84 18.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 01A	RIGED-CONTL PNL	CP-18	SB	1014	HC
				1015	HC
				1018	HC
				1021	HC
				1027	HC
				1043	HC
				1055	HC
				1058	HC
				1059	HC
				1079	HC
				1084	HC
				1087	HC
				1088	HC
				1090	HC
				1119	HC
				1122	HC
				1135	HC
				1136	HC
				1167	HC
				1245	HC
		CP-33	SA	731	HC
				732	HC
				733	HC
				734	HC
				735	HC
				736	HC
				737	HC
				738	HC
				739	HC
				740	HC
				741	HC
				742	HC
				743	HC
				744	HC
				745	HC
				752	HC
				761	HC
				762	HC
				763	HC
				764	HC
				765	HC
				766	HC
				767	HC
				768	HC
			SB	781	HC
				782	HC
				783	HC
				784	HC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 01A	HTCHD-CNTL PNL	CF-33	SB	785	FC
				786	FC
				787	FC
				788	FC
				789	FC
				790	FC
				791	FC
				792	FC
				793	FC
				794	FC
				795	FC
				802	FC
				811	FC
				812	FC
				813	FC
				814	FC
				815	FC
				816	FC
				817	FC
				818	FC
	TRANSFORMER	LP318FA	SA	0	FC
		LP319PB	SB	0	FC
	TURB TRIP IDCTR	NNA	SA	0	FC
		NNE	SB	0	FC
RAB 01B	AH-LOCAL COOLER	AH-26-3A-SA	SA	1026	FC
		AH-26-3B-SB	SB	1027	FC
	AIR HANDLG UNIT	AH-12-3A-SA	SA	1165	FC
		AH-12-3B-SB	SB	1167	FC
	LOCAL CNTL STATN	LCS	SA	1026	FC
			SB	1027	FC
RAB 02	AH-AIR HANDLER	AH-13-3A-SA	SA	1117	FC
		AH-13-3B-SB	SB	1119	FC
	AH-EXH FAN	E-41-3A-SA	SA	1121	FC
		E-41-3B-SB	SB	1122	FC
	CNTL PNL WTR CHL	CPWC-1-3A-SA	SA	1045	FC
				1048	FC
		CPWC-1-3B-SB	SB	1055	FC
				1058	FC
		CPWC-1-3C-SAB	SAB	1065	FC
				1068	FC
	CWS BYPASS VALV	3AC-FM129A	SA	1049	FC
		3AC-FM131A/B	SAB	1069	FC
		3DC-FM130E	SB	1059	FC
	CWS PUMP	P-1(3A-SA)	SA	1048	FC
		P-1(3B-SB)	SB	1058	FC
		P-1(3C-SA/B)	SAB	1068	FC
	CWS WATER CHILF	WC-1(3A-SA)	SA	1045	FC
		WC-1(3B-SB)	SB	1055	FC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KEFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEEA 05/15/84 06.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 02	CWS WATER CHILR EXHAUST FAN	WC-1 (3C-SA/D)	SAB	1065	HC
		E-28-3A-SA	SA	1041	HC
		E-28-3B-SB	SB	1043	HC
	INSTRUMENT PANEL	C101A	SA	1045	HC
				1049	HC
		C101B	SB	1055	HC
				1059	HC
		C101C	SAB	1065	HC
				1069	HC
		C39	SA	1050	HC
	LOCAL CNTL STATN	LCS	SA	1048	HC
				1121	HC
			SAB	1068	HC
			SB	1058	HC
				1122	HC
			SA	1075	HC
			SB	1079	HC
RAB 03	AF-EC SWG-CAB VL	AF-25-3A-SA	SA	1075	HC
		AF-25-3B-SB	SB	1079	HC
RAB 03A	AH-EXH FAN	E-29-3A-SA	SA	1083	HC
		E-29-3B-SB	SB	1084	HC
		E-30-3A-SA	SA	1089	HC
		E-30-3B-SB	SB	1090	HC
		E-31-3A-SA	SA	1086	HC
		E-31-3B-SB	SB	1087	HC
		E-52-3A-SA	SA	1085	HC
		E-52-3B-SB	SB	1088	HC
RAB 07	AUXILIARY PANEL	AF-1	SA	0	-C
					HC
				294	-C
				335	-C
				337	-C
				338	-C
				340	-C
				365	-C
				516	-C
				517	-C
				530	-C
				532	-C
				533	-C
				541	-C
				543	-C
				552	-C
				564	-C
				583	-C
				595	-C
				596	-C
				597	-C
				705	HC
				731	HC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 07	AUXILIARY PANEL	AF-1	SA	732	FC
				733	FC
				734	FC
				735	FC
				736	FC
				737	FC
				738	FC
				739	FC
				740	FC
				741	FC
				742	FC
				743	FC
				744	FC
				745	FC
				752	FC
				761	FC
				762	FC
				763	FC
				764	FC
				765	FC
				766	FC
				767	FC
				768	FC
				847	FC
				1000	-C
				1005	-C
				1010	FC
				1011	FC
				1017	-C
				1020	FC
				1026	FC
				1041	FC
				1045	FC
				1048	FC
				1083	FC
				1085	FC
				1086	FC
				1089	FC
				1117	FC
				1121	FC
				1132	FC
				1133	FC
				1531	FC
				1535	FC
				1546	FC
				1548	FC
					FC

AP-2

SH

0

-C
FC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEEA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
KAB 07	AUXILIARY PANEL	AP-2	SE	295	-C
				336	-C
				341	-C
				342	-C
				343	-C
				375	-C
				518	-C
				519	-C
				535	-C
				537	-C
				538	-C
				542	-C
				544	-C
				556	-C
				570	-C
				587	-C
				590	-C
				591	-C
				592	-C
				709	HC
				781	FC
				782	FC
				783	FC
				784	FC
				785	FC
				786	FC
				787	FC
				788	FC
				789	FC
				790	FC
				791	FC
				792	FC
				793	FC
				794	FC
				795	FC
				802	FC
				811	FC
				812	FC
				813	FC
				814	FC
				815	FC
				816	FC
				817	FC
				818	FC
				848	FC
				1002	-C
				1007	-C
				1014	FC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDFPC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 00.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
NAB 07	AUXILIARY PANEL	AP-2	SE	1015	FC
				1018	-C
				1021	FC
				1027	FC
				1043	FC
				1055	FC
				1056	FC
				1074	FC
				1087	FC
				1088	FC
				1090	FC
				1119	FC
				1122	FC
				1135	FC
				1136	FC
				1533	FC
				1536	FC
				1547	FC
				1549	FC
		AP-3	SAB	294	-C
				370	-C
				707	FC
				1013	FC
				1065	FC
				1068	FC
				1540	FC
		AP-4	SA	267	FC
				273	FC
			SAB	276	FC
				277	FC
			SB	267	FC
				273	FC
			SA	337	-C
				365	-C
				705	FC
				1005	-C
				1045	FC
				1048	FC
				1165	FC
				1530	FC
				1546	FC
				1548	FC
				1643	FC
			SAB	370	-C
				707	FC
				1065	FC
				1068	FC
			SB	0	-C

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:1C MAY 14 84 * R: SDEWFEB4 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAE 07	ISOLATION PANEL	IF	SE	342	-C
				375	-C
				709	FC
				1007	-C
				1055	FC
				1058	FC
				1167	FC
				1530	F-
				1547	F-
				1549	F-
				1658	F-
	PDP	PDP-390-SA	SA	0	-C
				294	-C
				335	-C
				340	-C
				532	-C
				564	-C
				589	-C
				847	FC
				1045	FC
				1535	F-
				1546	F-
				1548	F-
		PDP-391-SB	SB	0	-C
				295	-C
				336	-C
				341	-C
				537	-C
				570	-C
				589	-C
				848	FC
				1055	FC
				1536	F-
				1547	F-
				1549	F-
RAE 08A	BATTERY CHARGER	3A1-S	SA	0	-C
				294	-C
				532	-C
				847	FC
				1535	F-
				1546	F-
				1548	F-
		3A2-S	SA	0	-C
				294	-C
				532	-C
				847	FC
				1535	F-
				1546	F-

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KBFAREA
F: WFSDEPC DATA REV:1C MAY 14 84 * R: SDEWFEB4 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 08A	BATTERY CHARGER	3A2-S	SA	1548	H-
	BUS 4.16KV	3A3-S	SA	0	-C
					H-
					HC
				294	-C
				335	-C
				337	-C
				336	-C
				339	-C
				340	-C
				365	-C
				516	-C
				517	-C
				530	-C
				532	-C
				533	-C
				541	-C
				543	-C
				552	-C
				564	-C
				581	-C
				582	-C
				583	-C
				595	-C
				596	-C
				597	-C
				705	HC
				731	HC
				732	HC
				733	HC
				734	HC
				735	HC
				736	HC
				737	HC
				738	HC
				739	HC
				740	HC
				741	HC
				742	HC
				743	HC
				744	HC
				745	HC
				752	HC
				761	HC
				762	HC
				763	HC
				764	HC
				765	HC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEFC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 08A	BUS 4.16KV	3A3-S	SA	766	HC
				767	FC
				768	FC
				847	FC
				1000	-C
				1005	-C
				1010	HC
				1011	FC
				1013	FC
				1017	-C
				1020	FC
				1026	HC
				1041	FC
				1045	FC
				1048	FC
				1049	FC
				1075	FC
				1083	HC
				1085	HC
				1086	FC
				1089	FC
				1117	FC
				1121	FC
				1132	HC
				1133	HC
				1165	FC
				1242	FC
				1531	FC
				1535	FC
				1540	FC
				1541	FC
				1546	FC
				1548	FC
				1643	FC
				2309	FC
	CNTRL PNL (PAC)	LCP-61	SA	0	FC
				585	-C
				713	FC
				1509	FC
				1525	FC
				1546	FC
				1548	FC
	MCC 480V	3A311-S	SA	0	-C
					FC
				294	-C
				340	-C
				516	-C
				532	-C

EEASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WPSDEFC DATA REV:10 MAY 14 84 * R: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB DBA	MCC 480V	3A311-S	SA	533	-C
				541	-C
				543	-C
				552	-C
				564	-C
				595	-C
				596	-C
				597	-C
				847	FC
				1000	-C
				1020	FC
				1045	FC
				1048	FC
				1083	FC
				1085	FC
				1086	FC
				1089	FC
				1121	FC
				1165	FC
				1242	FC
				1535	FC
				1541	FC
				1546	FC
				1548	FC
				1643	FC
		3A312-S	SA	0	-C
					FC
				294	-C
				335	-C
				338	-C
				517	-C
				532	-C
				847	FC
				1041	FC
				1049	FC
				1535	FC
				1546	FC
				1548	FC
				2309	FC
		3A313-S	SA	0	-C
					FC
				294	-C
				337	-C
				532	-C
				581	-C
				582	-C
				583	-C
				847	FC
				1005	-C

EBASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA

F: *FSDEPC DATA REV:1C MAY 14 84 * R: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 06A	MCC 480V	3A313-S	SA	1010	HC
				1011	HC
				1017	-C
				1026	HC
				1075	HC
				1117	HC
				1535	H-
				1546	H-
				1548	H-
				1643	H-
		3A317-S	SA	1132	HC
				1133	HC
PDP		PDP-3A-DC	SA	596	-C
		PDP-3A-CC-SA	SA	0	-C
					HC
				294	-C
				532	-C
				847	HC
				1535	H-
				1546	H-
				1548	H-
		PDP-360-SA	SA	294	-C
				1049	HC
SUPS		3A-S	SA	0	-C
				294	-C
				532	-C
				847	HC
				1535	H-
				1546	H-
				1548	H-
SUPS/PDP		SUPS 3MC-S	SA	1546	H-
				1548	H-
				1643	H-
		3A-S	SA	0	HC
SWGR BUS 480V		3A31-S	SA	0	-C
					H-
					HC
				294	-C
				335	-C
				337	-C
				338	-C
				339	-C
				340	-C
				365	-C
				516	-C
				517	-C
				532	-C
				533	-C

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 08A	SWER BUS 480V	3A31-S	SA	541	-C
				543	-C
				552	-C
				564	-C
				581	-C
				582	-C
				583	-C
				595	-C
				596	-C
				597	-C
				847	HC
				1000	-C
				1005	-C
				1010	FC
				1011	FC
				1013	FC
				1017	-C
				1020	H-
				1026	HC
				1041	FC
				1045	FC
				1048	FC
				1049	HC
				1075	FC
				1083	FC
				1085	FC
				1086	FC
				1089	FC
				1117	HC
				1121	FC
				1132	FC
				1133	FC
				1165	FC
				1242	FC
				1535	H-
				1540	H-
				1541	H-
				1546	F-
				1548	F-
				1643	F-
				2309	HC
			SA	294	-C
			SB	0	-C
				295	-C
				537	-C
				848	FC
				1536	F-
				1547	H-
RAB 08B	BATTERY CHARGER	3A31-S5C 3D1-S	SA SB	294 0	-C -C
				295	-C
				537	-C
				848	FC
				1536	F-
				1547	H-

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KEFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 088	BATTERY CHARGER	381-S	SB	1549	F-
		382-S	SB	0	-C
				295	-C
				537	-C
				648	HC
				1536	F-
				1547	F-
				1549	F-
	BUS 4.16KV	383-S	SB	0	-C
					F-
					HC
				295	-C
				336	-C
				339	-C
				341	-C
				342	-C
				343	-C
				378	-C
				518	-C
				519	-C
				535	-C
				537	-C
				538	-C
				542	-C
				544	-C
				556	-C
				570	-C
				585	-C
				586	-C
				587	-C
				590	-C
				591	-C
				592	-C
				709	HC
				781	HC
				782	HC
				783	HC
				784	HC
				785	HC
				786	HC
				787	HC
				788	HC
				789	HC
				790	HC
				791	HC
				792	HC
				793	HC
				794	HC

EEASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEFC DATA REV:10 MAY 14 84 * R: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 06B	BUS 4.16KV	3B3-S	SB	795	FC
				802	FC
				811	FC
				812	FC
				813	FC
				814	FC
				815	FC
				816	FC
				817	FC
				818	FC
				846	FC
				1002	-C
				1007	-C
				1013	FC
				1014	FC
				1015	FC
				1018	-C
				1021	F=
				1027	FC
				1043	FC
				1055	FC
				1058	FC
				1059	FC
				1079	FC
				1084	FC
				1087	FC
				1088	FC
				1090	FC
				1119	FC
				1122	FC
				1135	FC
				1136	FC
				1167	FC
				1245	FC
				1533	F=
				1536	F=
				1540	F=
				1541	F=
				1547	F=
				1549	F=
				1658	F=
				2359	FC
				0	F=
				585	-C
				714	FC
				1509	F=
				1525	F=
				1547	F=

CNTRL FAL (FAC) LCP-62

SB

EBASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KBFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 08.55.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWL	H/C
-----	-----	-----	---	---	---
RAB 08E	CHIRL FAL (PAC)	LCP-62	SB	1549	F-
	MCC 4FCV	3B311-S	SB	0	-C
					F-
				295	-C
				336	-C
				341	-C
				342	-C
				519	-C
				537	-C
				538	-C
				542	-C
				544	-C
				558	-C
				570	-C
				590	-C
				591	-C
				592	-C
				848	HC
				1002	-C
				1021	F-
				1055	FC
				1058	FC
				1084	HC
				1087	FC
				1088	FC
				1090	FC
				1122	FC
				1167	FC
				1245	FC
				1536	F-
				1547	F-
				1549	F-
				1658	F-
		3B312-S	SB	0	-C
					HC
				295	-C
				343	-C
				518	-C
				537	-C
				848	FC
				1083	HC
				1059	FC
				1536	F-
				1547	F-
				1549	F-
				2359	FC
		3B313-S	SB	0	-C
				295	-C

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:1C MAY 14 84 * R: SDEWFERA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 08E	MCC 480V	3B313-S	SB	537	-C
				585	-C
				586	-C
				587	-C
				848	HC
				1007	-C
				1014	HC
				1015	HC
				1018	-C
				1027	HC
				1079	HC
				1119	HC
				1536	F-
				1541	F-
				1547	F-
				1549	F-
				1658	F-
		3B317-S	SB	1135	HC
				1136	HC
PDF	PDF-3B-DC-SE		SE	0	-C
					HC
				295	-C
				537	-C
				591	-C
				848	HC
				1536	F-
				1547	F-
				1549	F-
		PDF-361-SB	SB	294	-C
				1059	HC
SUPS		3B-S	SB	0	-C
				295	-C
				537	-C
				848	HC
				1536	F-
				1547	F-
				1549	F-
SUPS/PLF		SUPS 3MD-S	SB	1547	F-
				1549	F-
				1658	F-
		3ME-S	SE	0	HC
SWER BUS 480V		3B31-S	SB	0	-C
					F-
					HC
				295	-C
				336	-C
				339	-C
				341	-C

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KEFAREA
F: WPSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 06B	SWGR BUS 480V	3B31-S	SB	342	-C
				343	-C
				375	-C
				518	-C
				519	-C
				537	-C
				538	-C
				542	-C
				544	-C
				558	-C
				570	-C
				585	-C
				586	-C
				587	-C
				590	-C
				591	-C
				592	-C
				848	FC
				1002	-C
				1007	-C
				1013	FC
				1014	FC
				1015	FC
				1016	-C
				1021	F-
				1027	FC
				1043	FC
				1055	FC
				1056	FC
				1059	FC
				1075	FC
				1084	FC
				1087	FC
				1088	FC
				1090	FC
				1119	FC
				1122	FC
				1135	FC
				1136	FC
				1167	FC
				1245	FC
				1536	F-
				1540	F-
				1541	F-
				1547	F-
				1549	F-
				1658	F-
				2359	FC

EGASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDFC DATA REV:10 MAY 14 84 * F: SDEWFEBA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 08E	SWGR BUS 480V	3P31-S6C	SB	294	-C
RAB 08C	BUS 4.16KV	3AE3-S	SAB	707	FC
	NCC 480V	3AB311-S	SAB	294	-C
				339	-C
				1013	HC
				1065	FC
				1068	FC
				1069	FC
				1540	H-
	PDP	PDP-3AB-SAB	SAB	339	-C
		PCP-362-SAB	SAB	294	-C
				1013	FC
				1065	FC
				1069	FC
				1540	H-
	SUPS	3AB	SAB	339	-C
	SWGR BUS 480V	3AB31-S	SAB	0	-C
				339	-C
				370	-C
				1013	FC
				1065	FC
				1068	FC
				1069	FC
				1540	H-
RAB 09	LCF-FEM SD PNL	3AB31-S4C	SAB	294	-C
		LCF-43	SA	0	-C
					H-
					FC
				204	H-
				210	H-
				215	H-
				267	FC
				273	FC
				294	-C
				337	-C
				365	-C
				530	-C
				532	-C
				533	-C
				541	-C
				543	-C
				552	-C
				564	-C
				583	-C
				585	-C
				595	-C
				596	-C
				597	-C

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEFC DATA REV:1C MAY 14 84 * R: SDEWFEBA 05/15/84 CR.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
KAB 05	LCP-REM SD FNL	LCP-43	SA	709	FC
				713	FC
				731	HC
				732	HC
				733	HC
				734	FC
				735	FC
				736	HC
				737	HC
				738	HC
				739	FC
				740	FC
				741	FC
				742	FC
				743	HC
				744	FC
				745	FC
				752	FC
				761	FC
				762	FC
				763	FC
				764	HC
				765	FC
				766	FC
				767	FC
				768	FC
				847	FC
				1026	HC
				1075	FC
				1132	FC
				1173	FC
				1165	FC
				1242	HC
				1509	FC
				1525	FC
				1530	FC
				1531	FC
				1535	FC
				1546	FC
				1548	FC
				1550	FC
				1643	FC
			SAB	276	FC
				277	FC
				370	FC
				707	HC
			SB	0	FC
					FC

EBASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA

F: WFSDEFC DATA REV:10 MAY 14 84 * R: SDEWFEBA 05/15/84 CR.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 09	LCP-FEM SD PNL	LCP-43	SE	0	FC
				205	FC
				267	HC
				273	HC
				295	-C
				342	-C
				375	-C
				535	-C
				537	-C
				538	-C
				542	-C
				544	-C
				558	-C
				570	-C
				585	-C
				587	-C
				590	-C
				591	-C
				592	-C
				709	FC
				714	HC
				761	FC
				762	FC
				763	FC
				764	FC
				765	FC
				766	HC
				767	HC
				768	FC
				769	FC
				790	FC
				791	FC
				792	FC
				793	HC
				794	HC
				795	FC
				802	FC
				811	FC
				812	FC
				813	HC
				814	FC
				815	FC
				816	FC
				817	FC
				818	FC
				848	FC
				1027	FC
				1079	FC

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
P: WFSDEPC DATA REV:10 MAY 14 84 * P: SDEWFEEA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 09	LCP-REM SD PNL	LCP-43	SB	1135	FC
				1136	FC
				1167	FC
				1245	FC
				1509	FC
				1525	FC
				1530	FC
				1533	FC
				1536	FC
				1547	FC
				1549	FC
				1550	FC
				1558	FC
RAB 15	LCP-43 REM SD PL	J1-RC0005-1	SA	0	FC
	BATTERY	35	SB	0	FC
				295	FC
				527	FC
				848	FC
				1526	FC
				1547	FC
				1549	FC
	DIESEL GENERATOR	20	SB	0	FC
					FC
				295	FC
				336	FC
				339	FC
				341	FC
				342	FC
				343	FC
				375	FC
				518	FC
				519	FC
				525	FC
				537	FC
				538	FC
				542	FC
				544	FC
				555	FC
				570	FC
				585	FC
				586	FC
				587	FC
				590	FC
				591	FC
				592	FC
				759	FC

EBASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 08.59.24

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
-----	-----	-----	---	---	---
RAB 15	DIESEL GENERATOR	3B	SB	781	FC
				782	FC
				783	FC
				784	FC
				785	FC
				786	FC
				787	FC
				788	FC
				789	FC
				790	FC
				791	FC
				792	FC
				793	FC
				794	FC
				795	FC
				802	FC
				811	FC
				812	FC
				813	FC
				814	FC
				815	FC
				816	FC
				817	FC
				818	FC
				848	FC
				1002	-C
				1007	-C
				1013	FC
				1014	FC
				1015	FC
				1018	-C
				1021	H-
				1027	FC
				1043	FC
				1055	FC
				1058	FC
				1059	FC
				1079	FC
				1084	FC
				1087	FC
				1088	FC
				1090	FC
				1119	FC
				1122	FC
				1135	FC
				1136	FC
				1167	FC
				1245	FC

EBASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KBFAREA
F: WFSDEFC DATA REV:10 MAY 14 84 * F: SIEWFEB 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 15	DIESEL GENERATOR	3B	SB	1533	F-
				1536	F-
				1540	F-
				1541	F-
				1547	F-
				1549	F-
				1658	F-
				2359	FC
	ENGINE CNTRL PNL	3B	SB	0	FC
	GENRTR CNTRL PNL	3B	SB	0	FC
RAB 15A	D C FEED TANK	3B	SB	0	FC
RAB 16	BATTERY	3A	SA	0	-C
					FC
				294	-C
				532	-C
				847	FC
				1535	F-
				1546	F-
				1548	F-
	DIESEL GENERATOR	3A	SA	0	-C
					F-
					FC
				294	-C
				335	-C
				337	-C
				338	-C
				339	-C
				340	-C
				365	-C
				516	-C
				517	-C
				530	-C
				532	-C
				533	-C
				541	-C
				543	-C
				552	-C
				564	-C
				581	-C
				582	-C
				583	-C
				595	-C
				596	-C
				597	-C
				705	FC
				731	FC
				732	FC
				733	FC

EBASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAFEA
F: WFSDEPC DATA REV:1C MAY 14 84 * R: SDEWFEGA 05/15/84 08.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 16	DIESEL GENERATOR	3A	SA	734	FC
				735	FC
				736	FC
				737	FC
				738	FC
				739	FC
				740	FC
				741	FC
				742	FC
				743	FC
				744	FC
				745	FC
				752	FC
				761	FC
				762	FC
				763	FC
				764	FC
				765	FC
				766	FC
				767	FC
				768	FC
				847	FC
				1000	-C
				1005	-C
				1010	FC
				1011	FC
				1013	FC
				1017	-C
				1020	FC
				1026	FC
				1041	FC
				1045	FC
				1048	FC
				1049	FC
				1075	FC
				1083	FC
				1085	FC
				1086	FC
				1089	FC
				1117	FC
				1121	FC
				1132	FC
				1133	FC
				1165	FC
				1242	FC
				1531	FC
				1535	FC
				1540	FC

EEASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KHFAREA
F1 WFSDCPC DATA REV110 MAY 14 84 * R1 SDEWFBA 05/15/84 01.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAB 16	DIESEL GENERATOR	3A	SA	1541	F=
				1546	F=
				1548	F=
				1643	F=
				2309	FC
	ENGINE CNTRL PNL	3A	SA	0	FC
	GEARTR CNTRL PNL	3A	SA	0	FC
RAB 16A	COOL FEED TANK	3A	SA	0	FC
RAB 17	ZCCW TEMP CTL V	3CC-TM291B	SB	0	FC
	AF-LOCAL COOLER	AF-24-3B-SB	SB	1010	FC
	CCW HEAT EXCHGR	3B	SB	0	FC
	CCWS TEMP TRFR	TE-CC7070BS	SB	714	FC
	LOCAL CNTL STATN	LCS	SB	1010	FC
RAB 18	ACCW TEMP CTL V	3CC-TM290A	SA	0	FC
	AF-LOCAL COOLER	AF-24-3A-SA	SA	1011	FC
	CCW HEAT EXCHGR	3A	SA	0	FC
	CCWS TEMP TRFR	TE-CC7070AS	SA	713	FC
	LOCAL CNTL STATN	LCS	SA	1011	FC
RAB 19	CCW PUMP	3A	SA	705	FC
	LOCAL CNTL STATN	LCS	SA	1010	FC
	LOCAL COOLER	AF-10-3A-SA	SA	1010	FC
RAB 20	CCW PUMP	3A/B	SAE	707	FC
	LOCAL CNTL STATN	LCS	SA	1012	FC
			SB	1013	FC
	LOCAL COOLER	AF-20-3A-SAB	SAB	1012	FC
		AF-20-3B-SAB	SAB	1013	FC
RAB 21	CCW PUMP	3B	SB	709	FC
	LOCAL CNTL STATN	LCS	SB	1014	FC
	LOCAL COOLER	AF-10-3B-SB	SB	1014	FC
RAB 27A	AF EG S&GR AREA	AF-30-3A-SA	SA	1242	FC
		AF-30-3B-SB	SB	1245	FC
RAB 32	ACCW PUMP	3A	SA	752	FC
		3B	SB	802	FC
	LFSS VALVE	2S1-V1539B1	SB	542	-C
		2S1-V1541A2	SA	543	-C
		2S1-V1543B2	SB	544	-C
		2S1-V1549A1	SA	541	-C
	SDCS ISOL VALVE	2S1-V326B	SB	552	-C
		2S1-V327A	SA	557	-C
	SDCS WRMUP VALVE	2S1-V346	SB	565	-C
		2S1-V353	SA	561	-C
	SIS RECIRC VALV	2S1-V8C1B	SB	518	-C
		2S1-V8C2B	SB	519	-C
		2S1-V8C9A	SA	516	-C
		2S1-V810A	SA	517	-C
RAB 33	INSTRUMENT PANEL	C27A	SA	569	-C
		C27B	SB	565	-C
	LOCAL CNTL STATN	LCS	SA	548	-C

BRATCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION, LC. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KEFAREA
F1 WFOUOPC DATA REV110 MAY 14 84 * R1 SDEWFEB 05/15/84 08.59.24

FIRE AREA	EQUIPMENT	IDENTITY	SCL	C&D	F/C
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RAB 33	LOCAL CNTL STATN	LCS	SA	585	-C
				1017	-C
			SB	548	-C
				589	-C
				1018	-C
	LOCAL COOLER	AP-3-3A-SA	SA	1017	-C
		AP-3-3B-SB	SB	1018	-C
	SDCS FLOW TMTR	FT-S11307AS	SA	585	-C
	SDCS HEAT EXCHGR	3A	SA	0	-C
		3B	SB	0	-C
	SDCS HX INL FMSH	PT-303X	SA	589	-C
		PT-303Y	SB	589	-C
	SDCS HX INL TEMP	TE-301Y	SA	548	-C
		TE-302Y	SB	548	-C
	SDCS HX OUT TEMP	TE-303X	SA	589	-C
		TE-303Y	SB	589	-C
RAB 34	FLOW TO RPS LOOP	FT-5064(LOOP1)	SA	539	-C
		FT-5074(LOOP2)	SB	534	-C
	INSTRUMENT PANEL	C23	SB	534	-C
		C31	SA	539	-C
RAB 35	LOCAL CNTL STATN	LCS	SB	1007	-C
	LOCAL COOLER	AP-1-3C-SB	SB	1007	-C
	1-31 PUMP	3B	SB	535	-C
	SDCS FLO CTL VLV	2S1-FM34UP	SB	537	-C
		2S1-FM34DB	SB	538	-C
	SDCS FLOW TMTR	FT-S11306BS	SB	549	-C
	SDCS ISOL VALVE	2S1-V305B	SB	566	-C
		2S1-V306B	SB	567	-C
RAB 36	LOCAL CNTL STATN	LCS	SA	1005	-C
	LOCAL COOLER	AP-2-3A-SA	SA	1005	-C
	1-31 PUMP	3A	SA	520	-C
	SDCS FLO CTL VLV	2S1-FM317A	SA	532	-C
		2S1-FM318A	SA	533	-C
	SDCS ISOL VALVE	2S1-V306A	SA	572	-C
		2S1-V307A	SA	583	-C
RAB 37	AP-LOCAL COOLER	AP-17-3A-SA	SA	1020	F=
	C&D SIG FL LV TR	LT-CD9013AS	SA	1530	F=
	EFL PUMP	3A MOTOR DRVN	SA	1531	F=
	INSTRUMENT PANEL	C35A	SA	1530	F=
	LOCAL CNTL STATN	LCS	SA	1020	F=
RAB 38	AP-LOCAL COOLER	AP-17-3B-SB	SB	1021	F=
	C&D SIG FL LV TR	LT-CD9013BS	SB	1530	F=
	EFL FLO TMTR 302	FT-FW8330BS	SB	1550	F=
	3B PUMP	3B MOTOR DRVN	SB	1533	F=
	INSTRUMENT PANEL	C35B	SB	1530	F=
				1550	F=
	LOCAL CNTL STATN	LCS	SB	1021	F=
RAB 39	SA SHAV PD VLV	3CH-V106A	SA	337	-C

EBASCO SERVICES INC.
LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 2

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA KEFARCA
F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDCWFEBR 05/15/84 CR.89.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
-----	-----	-----	---	---	---
RAD 39	DA GRAY FD VLV	3CF-V107E	SB	342	-C
	DA FEAT TRACING	3A(NS)	SA	338	-C
		3B(NS)	SB	343	-C
	DARU LVL-LCL IND	3A(NS)	SA	334	-C
		3B(NS)	SB	339	-C
	DARL TRA HTR FNR	3A1-1(NS)	SA	335	-C
		3A1-2(NS)	SB	336	-C
	DARL TRF HTR FNR	3B2-1(NS)	SA	340	-C
		3B2-2(NS)	SB	341	-C
	C & CP CONT VLV	2CH-F1543AB	SAB	0	-C
	CHARGING PUMP	3A	SA	365	-C
		3A/ZB	SAB	370	-C
		3B	SB	375	-C
	EPW FLC TMTR SET	FT-EWP330AS	SA	1550	H-
	EPW PUMP	3A/ZB TURB DRV	SAB	1544	H-
	LOCAL CTRL STATION	LCS	SA	244	-C
				335	-C
				340	-C
				1000	-C
				1001	-C
			SAB	294	-C
			SB	294	-C
				336	-C
				341	-C
				1002	-C
				1003	-C
	LOCAL COOLER	AF-1B-3A-SA	SA	1000	-C
		AF-1B-3B-SB	SB	1002	-C
		AF-22-3A-SA	SA	1001	-C
		AF-22-3B-SB	SB	1003	-C
	LOCAL STARTER	LS	SA	294	-C
			SAB	294	-C
			SB	294	-C
	SOPE FLC CTL VLV	3CC-F130A	SA	847	FC
		3CC-F131B	SB	848	FC
	SEAL LUG PFP FTR	3A	SA	254	-C
		3AB	SAB	254	-C
		3B	SB	254	-C
	SUPPLYTRY EGPT	3AB-TR629A	SB	1003	-C
		3AC-F627A	SA	1000	-C
		3AC-F629B	SB	1002	-C
		3AC-TR637A	SA	1001	-C
	TERM BOARD	TB	SA	294	-C
			SAB	294	-C
			SB	294	-C
	VALVE-CEVNOB	3A/ZB	SAB	1541	F-
	VALVE-TRIFCTPRTL	3A/ZB	SAB	1540	F-
	VC TRK DISCH VLV	2CH-V123A/ZB	SB	0	-C

EEASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA

F: WFSDEFC DATA REV:10 MAY 14 84 * R: SDEWFEGA 05/15/84 06.59.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	H/C
RAB 40	D C STGE TANK	3A	SA	0	HC
	D C TRNSF PUMP	3A	SA	2309	FC
RAB 41	D C STGE TANK	3B	SB	0	FC
	D C TRNSF PUMP	3B	SB	2359	FC
RABPOOF	ATNCS DUMP VLV	2MS-PM629A	SA	1643	H-
		2MS-PM630B	SB	1658	H-
	VALVE-ISOL SG1	2FW-V847D	SB	1547	H-
		2FW-V848A	SA	1546	H-
		2FW-V851B	SB	1547	H-
		2FW-V852A	SA	1546	H-
	VALVE-ISOL SG2	2FW-V849A	SA	1548	H-
		2FW-V850B	SB	1549	H-
		2FW-V853A	SA	1548	H-
		2FW-V854B	SB	1549	H-
	VALVE-SHUTOFF	2MS-V611A	SA	1535	H-
		2MS-V612B	SB	1536	H-
RCE	AUX SPRAY VLV	1CH-E2505A	SA	294	-C
		1CH-E2505B	SB	295	-C
	CHRG L1A-L2A VLV	1CH-E2503A	SA	0	-C
		1CH-E2504B	SB	0	-C
	CNTMT FAN COOLR	AF-1-3A-SA	SA	1132	HC
		AF-1-3B-SB	SB	1135	FC
		AF-1-3C-SA	SA	1133	FC
		AF-1-3D-SB	SB	1136	FC
	FISSION CHAMBER	WELL 5	SB	0	H-
		WELL 6	SA	0	H-
	INSTRUMENT PANEL	C1A	SA	267	FC
				273	FC
		C1B	SA	210	H-
			SB	267	FC
				273	FC
		C1D	SB	211	H-
		C2E	SA	215	H-
		C2D	SB	216	H-
	LOCAL CNTL STATN	LCS	SA	204	H-
			SB	205	H-
	LVL TMTR SG1	LT-FW1115AS	SA	1509	H-
		LT-FW1115ES	SB	1509	H-
	LVL TMTR SG2	LT-FW1125AS	SA	1525	H-
		LT-FW1125BS	SB	1525	H-
	MAS PRZR LVL CTL	LIC-110-1	SAB	277	FC
	MAS PRZR PRS CTL	PIC-100-1	SAB	276	FC
	FRE-AMP FILTER	B3490	SA	0	H-
		B3491	SB	0	H-
	PRESS TMTR SG1	PT-1013B	SA	210	H-
		PT-1013D	SB	211	H-
	PRESS TMTR SG2	PT-1023B	SA	215	H-
		PT-1023D	SB	216	H-

EASCO SERVICES INC.

LOUISIANA POWER & LIGHT CO. WATERFORD STEAM ELECTRIC STATION NO. 3

EQUIPMENT LISTED STARTS OR CONTINUES IN FIRE AREA <BFAREA

F: WFSDEPC DATA REV:10 MAY 14 84 * R: SDEWFEB 05/15/84 08.55.34

FIRE AREA	EQUIPMENT	IDENTITY	SCL	CWD	F/C
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RCR	FRZR PTR BNK	3A-SA	SA	0	FC
		3B-SB	SB	0	FC
	FRZR LVL TMTR	LT-110X	SA	273	FC
		LT-110Y	SB	273	FC
	FRZR PRESS TMTR	PT-102A	SA	267	FC
		PT-102B	SB	267	FC
	RCS COLDLEG TEMP	TE-RCC0112CB	SB	0	F-
		TE-RCC0122CA	SA	0	F-
		TE-111Y	SA	204	F-
		TE-121Y	SB	205	F-
	RCS HOTLEG T L1	TE-RCC0112FA	SA	0	H-
		TE-RCC0112FB	SB	0	F-
	RCS HOTLEG T L2	TE-RCC0122FA	SA	0	H-
		TE-RCC0122FB	SB	0	F-
	SDCS ISOL VALVE	1SI-V1501E	SB	591	-C
		1SI-V1502E	SB	590	-C
		1SI-V1503A	SA	596	-C
		1SI-V1504A	SA	595	-C
	SIT ISOL VALVE	1SI-V1505TK1A	SA	552	-C
		1SI-V1506TK1E	SB	558	-C
		1SI-V1507TK2A	SA	564	-C
		1SI-V1508TK2B	SB	570	-C