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REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9111260194 DOC. DATE: 91/11/19 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251

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RECIP. NAME RECIPIENT AFFILIATION Document Control Branch (Document Control Desk)

SUBJECT: Responds to inspector followup item noted in Insp Repts
 50-250/91-34 & 50-251/91-34 on 910819-23. Recommended shelf
 life of UCI sequencer spare parts acceptable.

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NOV 19 1991

L-91-307

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Response to NIR 50-250/251, 91-34,
"Regional Inspection of Load
Sequencers," Inspector Follow-Up Item

The NRC conducted an inspection of the Emergency Diesel Generator load sequencers on August 19 through August 23, 1991. The results of this visit will be documented in NRC Inspection Report 50-250/251, 91-34, "Regional Inspection of Load Sequencers." During the exit meeting, held on August 23, 1991, the NRC identified an Inspector Follow-Up Item (IFI) and requested FPL to provide a written response for closure of this item. Enclosed please find Florida Power and Light's response to the IFI.

Should there be any questions, please contact us.

Very truly yours,

T. F. Plunkett
Vice President
Turkey Point Nuclear

TFP/OIH

enclosure

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

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ENCLOSURE TO L-91-307

Question: What is Allen-Bradley Manufacturer's recommended shelf life for the sequencer's spare parts and is it acceptable?

Response: United Control Incorporated (UCI), the manufacturer of the sequencer, has provided a Revised Certificate of Compliance dated September 26, 1991 (Attachment A) for the shelf life of the sequencer spare parts, including the Allen Bradley components. The shelf life was based on each component's respective manufacturer's recommendation. The Allen-Bradley's (AB) PLC modules have a minimum shelf life of 10 years. Two of the modules (1771-P4S and 1772-LXPD) require powering every 1.5 years for a minimum of two hours. This is required to prevent degradation in the dielectric material of the capacitors utilized on these modules. In addition, all of the spare parts are to be stored in accordance with ANSI N45.2.2 Level B in order to maintain their shelf life. FPL has reviewed the recommended shelf life for the sequencer spare parts and finds them acceptable.



ATTACHMENT A
TO L-91-307

UNITED CONTROLS

Revised September 6, 1991
Revised September 23, 1991
Revised September 24, 1991
Revised September 26, 1991
Revised November 7, 1991

Florida Power and Light
Turkey Point Units 3 & 4
Purchase Order : B89536 80005
United Controls S.O. Number : 00QX091262

CERTIFICATE OF COMPLIANCE

This is to certify that to the best of my belief and knowledge the following Shelf Life information is supplied in accordance with Florida Power & Light Purchase Order No. B89536 80005 (including change orders number 1 through 17) and United Controls Quality Assurance Manual Revision 0 (11/85). Shelf life is assuming an ANSI N45.2.2 Level B facility is utilized. Shelf life is based on Manufacturer's recommendations.

<u>UCI</u> <u>Mark Number</u>	<u>DESCRIPTION</u>	<u>SHELF LIFE</u>
1	Sola 83-12-250-2/999-189-12	5 years
2	Sola 281125-1	5 years
3	G.E. CR104PBG91R1	Indefinite
7	G.E. CR104PBG91B1	Indefinite
9	G.E. CR104PSK33A91R	Indefinite
11	G.E. CR104PSK21A91R	Indefinite
13	G.E. CR104PSK21A93R	Indefinite
15	G.E. 0116B6708G5R	Indefinite
16	G.E. 0116B6708G5G	Indefinite
17	G.E. 0116B6708G5A	Indefinite
18	G.E. 0116B6708G5W	Indefinite
19	Electroswitch 25301A	Indefinite
22	Panalarm Model 910	5 years
23	A.B. 1771-A4B	10 years
24	A.B. 1772-LXPD	See Note*
25	A.B. 1771-IADB	10 years
26	A.B. 1771-OAD	10 years
27	A.B. 1771-OW	10 years
28	A.B. 1771-OZL	10 years
29	A.B. 1771-P4S	See Note*
37	Linrose B2191U1-12V	Indefinite
38	Linrose B2191U7-12V	Indefinite
39	G.E. HW92051	Indefinite
40	G.E. J9130L10	Indefinite

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<u>UCI</u> <u>Mark Number</u>	<u>DESCRIPTION</u>	<u>SHELF LIFE</u>
41	Asea RK223068-EA	Indefinite
42	Asea RK223069-EA	Indefinite
43	Asea RK225052-CN	Indefinite
44	Asea RK211188-AN	Indefinite
45	Asea RK9240002	Indefinite
47	Syrelec 6108.3SR	Battery 8 years
48	Sorgel 1.5S6F1S	Indefinite
78	Gould OT-10	Indefinite
89	Asea RK211037-AN	Indefinite

*NOTE: The aluminum electrolytic capacitors on modules 1771-P4S and 1772-LXPD will exhibit a limited shelf life due to degradation in dielectric material. Powering up these modules every 1.5 years for a minimum of two hours will extend their shelf life for a minimum of 10 years. The lithium battery included with the 1772-LXPD has a specified shelf life of 10 years.

Deborah M. Butler 11-7-91

Deborah M. Butler Date
Quality Assurance
Coordinator

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