NOV 3 1982

Docket No.: 50-389

APPLICANT: Florida Power and Light Company (FP&L)

FACILITY: St. Lucie Plant, Unit 2

SUBJECT: SUMMARY OF MEETING HELD IN BETHESDA, MARYLAND WITH FP&L ON OCTOBER 29, 1982 REGARDING ENVIRONMENTAL QUALIFICATION (EQ) ITEMS

A meeting was held on October 29, 1982 between the NRC and FP&L to discuss EQ items and the course of action needed to resolve outstanding issues. A summary of the results of this meeting is given below.

1. FP&L will provide a description of how the heat flux, (Q/A) was calculated for the solenoid valve.

2. Thermal lag analysis does not appear to consider if a spectrum of break sizes will conservatively envelope the temperature and heat flux conditions that might occur for a small break. FP&L will provide clarification.

3. FP&L will provide a description of the effects of thermal shock on the solenoid used in the thermal lag analysis. FP&L will answer the question of whether thermal shock is a problem with a high ramp transient that is expected in a worse case main steam line break.

4. NRC will randomly select three pieces of mechanical equipment to be audited for environmental qualification review. FP&L will provide the specification criteria, a drawing of the component including materials identification of environmentally sensitive material in each component and the justification for the environmental qualification (vendor info, test reports, etc.).

5. FP&L will provide more specific information on the justification for interim operation and include as much detail as possible to address the five categories of information requested in the SER. This specific information should demonstrate why the equipment may be considered acceptable for interim operation. Test conditions should be clearly specified, test results should be provided to support the conclusions. If this qualification testing information cannot be provided then a failure modes and effects analysis must be performed to demonstrate that the plant can be satisfactorily operated if the equipment were to experience failure.

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PDR ADOCK 05000389
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SURNAME ▷	.....	.....	.....	.....	.....	.....	.....
DATE ▷	.....	.....	.....	.....	.....	.....	.....

6. FP&L will make a statement that post accident aging is not used to qualify a component for pre-accident aging conditions for all equipment in a harsh environment.

7. FP&L provided a list of TMI equipments for staff review.

Victor Nerses, Project Manager
Licensing Branch No. 3
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Enclosure:
List of Attendees

cc: See next page

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Attendees
October 29, 1982

NRC Staff

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MEETING SUMMARY

NOV 3 1982

Document Control (50-389)
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PARTICIPANTS (NRC):

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