

MAY 3 1983

Docket File
DCS MS-016

50-335

LICENSEE: Florida Power and Light Company

FACILITY: St. Lucie Plant, Unit No. 1

SUBJECT: MEETING SUMMARY - SCHEDULE FOR RESOLUTION OF THE THERMAL SHIELD DAMAGE

On April 25, 1983 a meeting was held in Bethesda, MD with Florida Power and Light Company (FP&L) to discuss the FP&L schedule for resolution of the thermal shield damage at St. Lucie Plant, Unit No. 1. A list of attendees is attached.

The proposed submittal dates for the commitments made by FP&L in its April 19, 1983 letter (L-83-230) are contained in the staff letter from R. A. Clark to R. Uhrig (attached). The significant date is the submittal of FP&L's conclusions and findings on July 2, 1983 that will require staff review and concurrence. Since refueling and restart preparations are scheduled to occur at the same time, the staff will be asked to expedite this review and concurrence.

The sequence of events calls for the removal of the thermal shield by cutting it around the support lugs leaving a minimum of 2" of material around questionable areas of damage, then cutting the thermal shield itself into 120° segments that will be further cut up for disposal after they are removed from the core support barrel.

After examination with ultrasonic and eddy current equipment of the support lugs and core support barrel the lugs will be cut away and machined and the core support barrel will be repaired and returned to the reactor pressure vessel. In all cutting operations, plates will be used to protect the core support barrel. Refueling of the reactor is scheduled to be completed in early July.

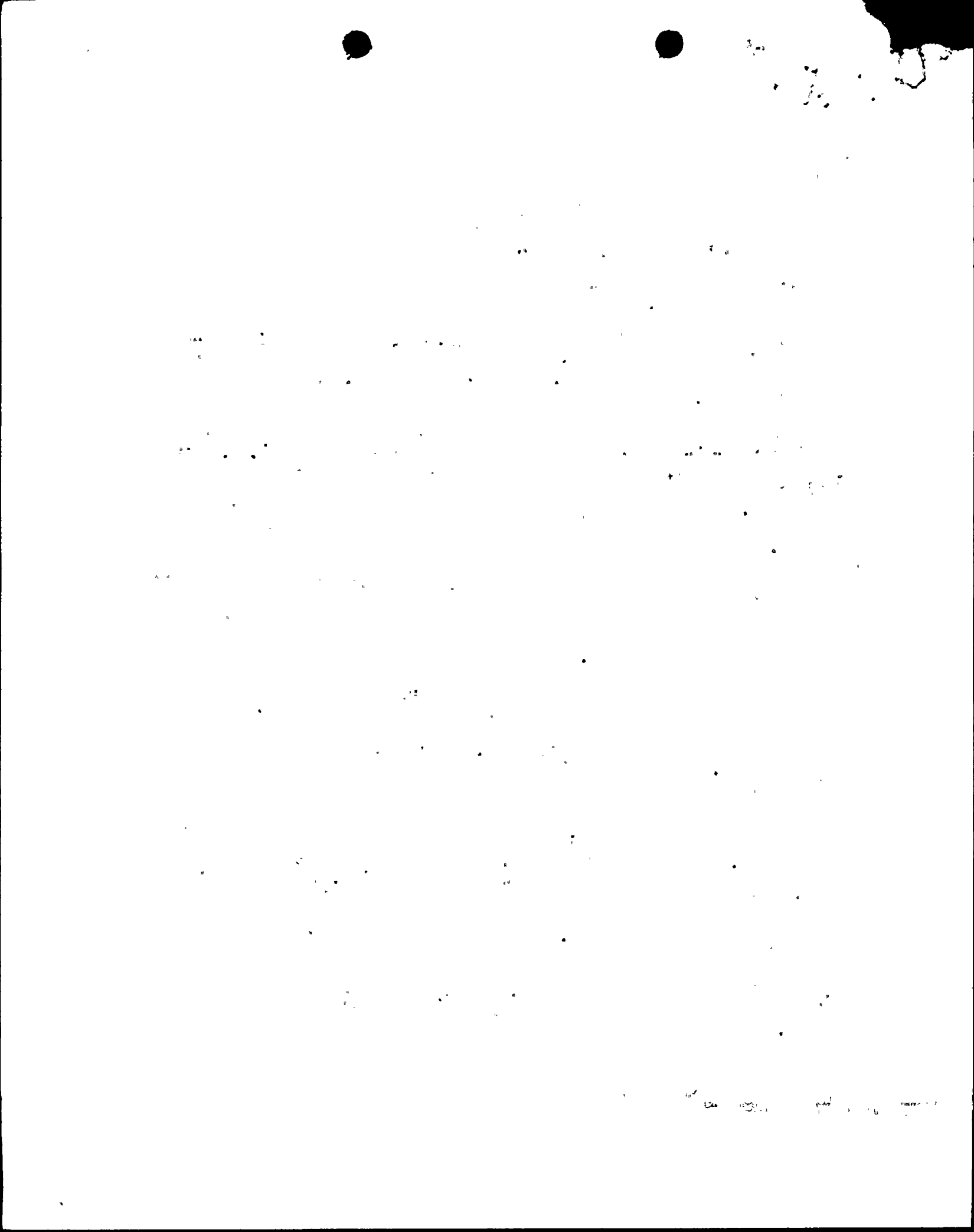
FP&L intends to perform a full inservice inspection during this outage. A request for relief from Technical Specifications requirements is being sent to the staff. The surveillance capsule that is being removed and analyzed (see meeting summary for April 25 afternoon meeting) will be replaced with instrumentation to monitor fluence during future operations.

FP&L has conducted a 10 CFR 50.59 evaluation and a Technical Specification review with negative findings to date.

Although the failure analysis is not scheduled to be completed until September 1983, FP&L indicated a desire to complete this analysis sooner (See attached Figure).

8305120499 830503
PDR ADOCK 05000335
P PDR

OFFICE	.....	.....	.....	.....	.....	.....	.....
SURNAME	.....	.....	.....	.....	.....	.....	.....
DATE	.....	.....	.....	.....	.....	.....	.....



FP&L, in response to earlier questions regarding the sequence of events, provided a chronological sequence that is attached to this summary.

Original signed by

Donald E. Sells, Project Manager
Operating Reactors Branch #3
Division of Licensing

Attachments:
As stated

cc: See next page

OFFICE ▶	ORB#3:DL	ORB#3:DL	ORB#3:DL				
SURNAME ▶	PMKreutzer	DSells/pn	RAClark				
DATE ▶	5/3/83	5/3/83	5/13/83				



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MEETING SUMMARY DISTRIBUTION

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*Copies also sent to those people on service (cc) list for subject plant(s).

Docket File
NRC PDR
L PDR
NSIC
ORB#3 Rdg
ORB#3 Summary File
JHeltemes
BGrimes
RAClark
Project Manager
PMKreutzer
OEJD
ELJordan
JMTaylor
ACRS-10
NRC Participants

Florida Power & Light Company

cc:

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ATTN: Regional Radiation
Representative
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Regional Administrator
Nuclear Regulatory Commission, Region II
Office of Executive Director for Operations
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Attachment

LIST OF ATTENDEES
THERMAL SHIELD RECOVERY SCHEDULE MEETING
APRIL 25, 1983

NRC

R. Clark
D. Sells

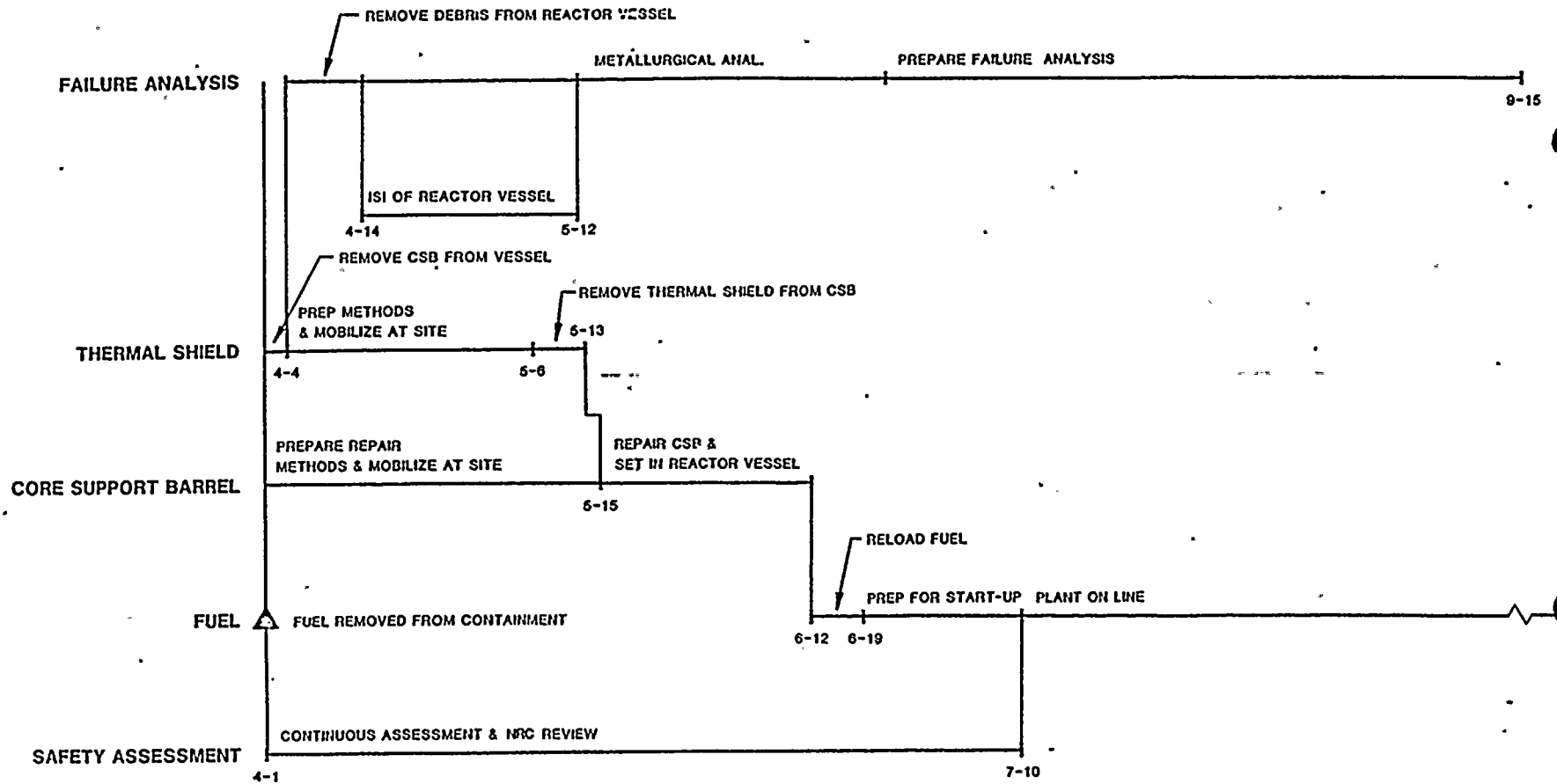
FP&L

D. Chaney
T. Dillard
T. Vogan
J. Krumins

CE

T. Gates
S. Ritterbusch

ST. LUCIE 1 PLANT RECOVERY PLAN (4/22/83)



WESTINGHOUSE SYSTEMS <small>Westinghouse Electric Corp. 3515 Market Street Pittsburgh, PA 15201 (412) 760-1000</small>	MANAGEMENT SUMMARY		RECEIVED BY DATE PROJECT NO.
	PROJECT NO. _____	SHEET NO. _____		A 13210
ST. LUCIE 1 PLANT RECOVERY PLAN			



PSL 1 THERMAL SHIELD CHRONOLOGICAL SEQUENCE

2/ 2/78 Initial Loose Parts Monitor (LPM) indication
 2/ /78 Initial CE investigation of LPM

6/ 1/78 Start) Cycle 2
 3/31/79 End)

6/ 8/79 Start) Cycle 3
 3/15/80 End)

4/ /80 CE/TEC investigation of LPM

5/10/80 Start) Cycle 4
 9/11/81 End)

12/ 2/81 Start) Cycle 5
 2/26/83 End)

9/ /82 CE - Begin continuous LPM surveillance

3/21/83 Begin Fuel Shuffle

3/24/83 First chunks of debris were seen

3/29/83 Begin off-load of 1/2 of core

3/31/83 Begin full off-load

4/ 1/83 Complete fuel off-load

4/ 4/83 Remove Core Barrel from Reactor Vessel

4/14/83 All loose parts removed from Reactor
 Vessel lower head



11-11-11