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 RECIP. NAME RECIPIENT AFFILIATION
 EISENHUT, D.G. Division of Licensing

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SUBJECT: Forwards Joint Ebasco & C-E Task Force engineering verification program status summary for 2-wk period, 821122-1204.

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Engineering Verification Task Force
Ebasco Services Incorporated
Two World Trade Center-15th Floor
New York, N. Y. 10048

December 9, 1982
Ltr No. EVP-130/SL-2

Office of Nuclear Regulation
Attention: Mr Darrell G Eisenhut, Director
Division of Licensing
U S Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr Eisenhut:

Re: ST. LUCIE UNIT NO. 2
DOCKET NO. 50-389
ENGINEERING VERIFICATION PROGRAM
WEEKLY STATUS SUMMARY FOR TWO-WEEK
PERIOD NOVEMBER 22-DECEMBER 4, 1982

Attached for your information is the Status Summary of the joint Ebasco and Combustion Engineering Task Force covering the two-week period November 22 through December 4, 1982. Both November 25 (Thanksgiving Day) and November 26 were observed as holidays in the Ebasco New York and C-E Windsor offices.

Very truly yours,

T H Blodgett

T H Blodgett
Joint Task Force Chairman

THB/rob
Attachment

cc: Robert E Uhrig, FPL w/att
D L Christian, FPL w/att

THB

Boo!



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ENGINEERING VERIFICATION PROGRAM/SL-2
EBASCO TASK FORCE
STATUS SUMMARY FOR TWO-WEEK
PERIOD NOVEMBER 22 - DECEMBER 4, 1982

1. During the holiday-shortened three-day work week (Nov 22 through Nov 24), the following activities were in progress:
 - a. Started the electrical and I&C independent vs existing design comparisons for the interface with C-E Task Force --re expansion of component boundaries for the HPSI Pump (Item 1) and SIT Isolation Valve (Item 2).
 - b. Completed preparing lists of documents required for field installation verification and start-up operation verification phases. Transmitted requests to Project Team.
 - c. Prepared comparison sheet forms to be used during the Site verification phases.
2. Site verification work started November 29 with the arrival at St. Lucie jobsite of ETF manager and four engineers. The remaining three ETF engineers involved in the site verification phases reported on November 30.
3. The following activities took place during the six-day period in Florida starting November 29:
 - a. Completed electrical and I&C independent vs existing design comparisons for interface items 1 and 2 and provided copies to the C-E Task Force.
 - b. Obtained documents required to perform the field installation verification and start-up operation verification activities for items 3-8 plus C-E interface items 1 and 2.
 - c. Verified the field installations and prepared comparison sheets for record purposes. It was found that installation work in varying degrees remained to be completed for:
 - .Item 4 - Hydrogen Recombiner
 - .Item 6 - Tornado Missile Shield Door
 - .Item 8 - HEPA Filter for ECCS Area Ventilation SystemA total of nine UIRs resulted from this phase of the engineering verification program.
 - d. Verified the start-up testing operations completed to date and prepared comparison sheets for record purposes. Testing was noted to be incomplete for:
 - .Item 3 Cntrl Rm Emergency Cleanup System Valve
 - .Item 4 Hydrogen Recombiner
 - .Item 5 Area Radiation Monitor
 - .Item 8 HEPA FilterTwo UIRs resulted from this phase of the program.
 - e. At the December 2 Review Committee Meeting, eight additional UIRs generated by the ETF during the design review phase of the program were presented to the Committee for resolution. Six of these UIRs resulted from the electrical and I&C design interface with C-E Task Force for items 1 and 2. All previous UIRs which were still open were also addressed.

4. Following is overall status of the 56 UIRs prepared by the ETF during the three phases of the engineering verification program:

a. Total No. of UIRs

. Phase 1	45
. Phase 2	9
. Phase 3	2
Total	<u>56</u>

b. UIRs addressed by Review Committee

. Phase 1 (Nov 17-18; Dec 2-3)	45
. Phase 2	0
. Phase 3	0
Total	<u>45</u>

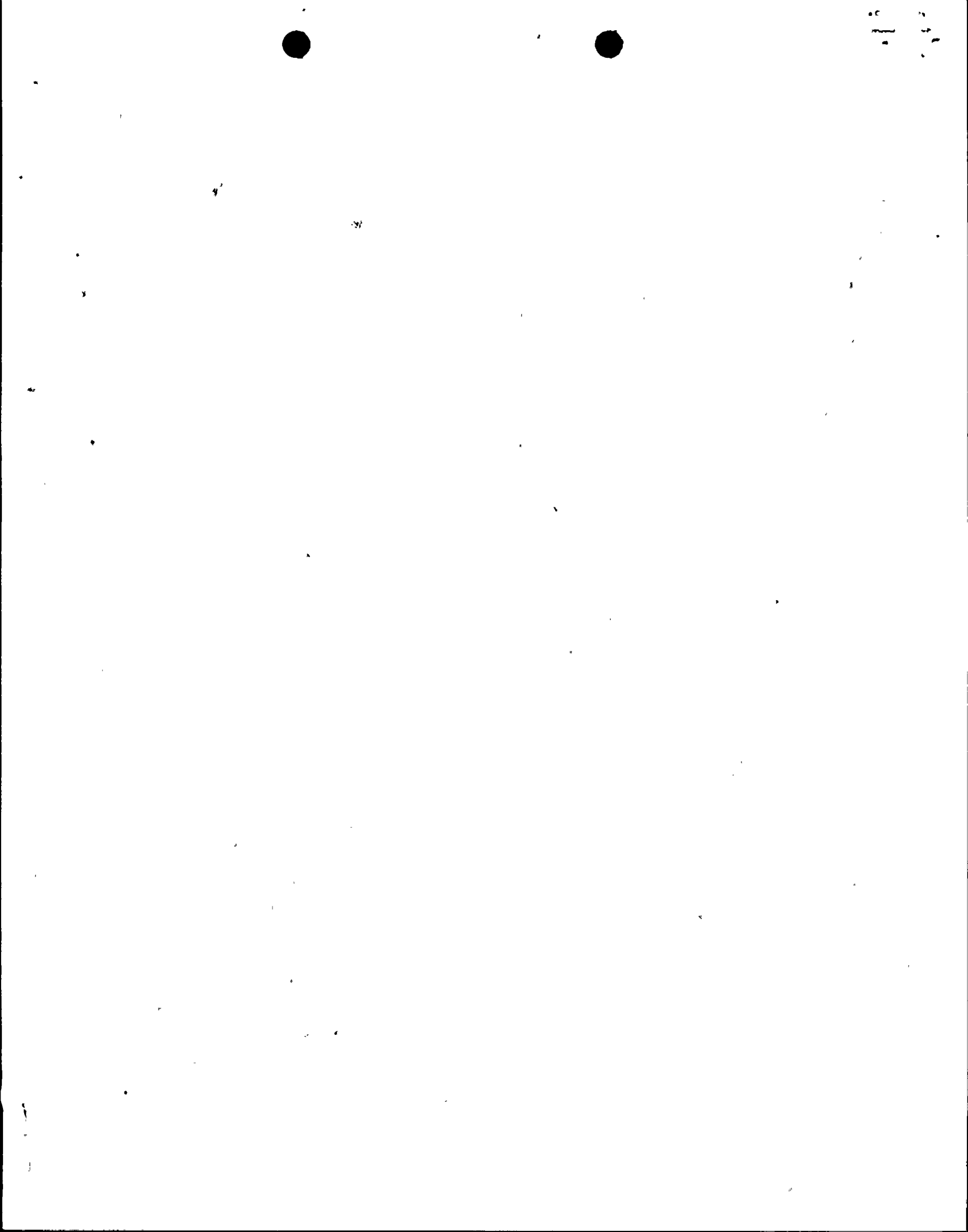
c. UIRs closed out (as of Dec 4)

. Phase 1	35
. Phase 2	0
. Phase 3	0
Total	<u>35</u>

d. UIRs still open (as of Dec 4)

. Phase 1	10
. Phase 2	9
. Phase 3	2
Total	<u>21</u>

5. Concentrated efforts to close out all open UIRs as quickly as possible will be continued during the week of December 6.



ENGINEERING VERIFICATION PROGRAM

WEEKLY STATUS SUMMARY

C-E TASK FORCE

NOVEMBER 29 - DECEMBER 3 (INCLUDES PREVIOUS WEEK'S STATUS)

1. On-Site verification checklists were completed during the previous week in preparation for the performance of installation and start-up phases.
2. Independent on-site verification of the field installation of EVP Items 1 and 2 (HPSI Pump and SIT Isolation Valve) was completed during this report period. No safety related deficiencies were found during our investigation. The Review Committee was notified of a single maintainability-related discrepancy.
3. The reactor containment was inaccessible until December 2 because of integrated leak rate baseline testing in progress. However, investigative work during this period focused on Item 1 (located in the Auxiliary Building) and upon Task Force review of site documentation.
4. Operational testing verification work was completed by December 3. All documents requested were made available by the St. Lucie Site Construction and Start-up Groups. Copies of hydraulic test data which were acquired on site were returned to C-E Windsor and will be evaluated and compared with design requirements developed earlier in the program.
5. Program status and differences identified to date were discussed at Review Committee meetings held on December 2 and 3. Most of the design differences previously reported and held open from earlier Review Committee meetings have been successfully resolved at this point, but Project Team response is required on 2 differential items related to the SIT Isolation Valve and one item related to the HPSI pump.

TELEPHONE CONVERSATION LOG

ENGINEERING VERIFICATION PROGRAM - SL2

WEEKS OF 11/22/82 & 11/29/82

DATE OF TELECON	PARTICIPATING ORGANIZATIONS	GENERAL SUBJECT OF TELECON	PREPARER OF TELECON RECORD
Nov 22	Ebasco/FPL	Inviting NRC to Dec 2 Review Committee Mtg; Administrative planning for on-site verification	Ebasco EVP Task Force Mgr
Nov 22	C-E/FPL	Administrative planning for on-site verification phase	C-E EVP Task Force Mgr
Nov 23	FPL/C-E/Ebasco	Administrative planning for on-site verification phase	C-E EVP Task Force Mgr
<u>Note:</u> No telecons logged during on-site verification phase - wk of 11/29			



1. The first part of the document is a list of names and addresses.