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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.
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 EISENHUT, D.G. Division of Licensing

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SUBJECT: Forwards joint Ebasco & C-E engineering task force
 engineering verification program weekly status summary for
 821115-19.

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1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator, who is usually a member of the research team. The investigator will identify the problem by looking at the data and trying to find out what is going on.

2. The second step is to define the problem. This is done by the investigator, who will define the problem in terms of the research question. The research question is a statement that describes the problem and what the investigator wants to find out.

3. The third step is to design the study. This is done by the investigator, who will design the study in terms of the research question. The study design is a plan that describes how the investigator will collect and analyze the data.

4. The fourth step is to collect the data. This is done by the investigator, who will collect the data in terms of the research question. The data collection is the process of gathering information about the problem.

5. The fifth step is to analyze the data. This is done by the investigator, who will analyze the data in terms of the research question. The data analysis is the process of looking at the data and trying to find out what it means.

6. The sixth step is to interpret the results. This is done by the investigator, who will interpret the results in terms of the research question. The interpretation is the process of looking at the results and trying to find out what they mean.

7. The seventh step is to write the report. This is done by the investigator, who will write the report in terms of the research question. The report is a document that describes the results of the investigation.

8. The eighth step is to present the results. This is done by the investigator, who will present the results in terms of the research question. The presentation is the process of showing the results to the research team.

9. The ninth step is to discuss the results. This is done by the investigator, who will discuss the results in terms of the research question. The discussion is the process of talking about the results and trying to find out what they mean.

10. The tenth step is to conclude the investigation. This is done by the investigator, who will conclude the investigation in terms of the research question. The conclusion is the final step in the process of the investigation.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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Engineering Verification Task Force
Ebasco Services Incorporated
Two World Trade Center - 15th Floor
New York, N. Y. 10048.

November 22, 1982
Ltr No. EVP-129/SL-2

Office of Nuclear Reactor 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
PERIOD NOVEMBER 15 - NOVEMBER 19, 1982

Attached for your information is the Weekly Status Summary of the
joint Ebasco and Combustion Engineering Task Force for the period
November 15 through November 19, 1982.

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

Boo1

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ENGINEERING VERIFICATION PROGRAM/SL-2
EBASCO TASK FORCE
WEEKLY STATUS SUMMARY FOR
PERIOD NOVEMBER 15 - NOVEMBER 19, 1982

1. Independent vs existing design comparisons were completed for verification items 3 - 8 during the period.
2. Thirty-seven unresolved item (discrepancy) reports (UIRs), generated by the ETF during the design comparison stage for items 3 - 8, were presented to the EVP Review Committee during the November 17 and 18 meetings held in Ebasco's New York office. Eight of the UIRs were considered resolved by the ETF prior to Committee review.
3. Following is summary of Review Committee action taken on the 37 UIRs:
 - a. 12 closed out and accepted.
 - b. 4 conditionally accepted.
 - c. 16 required information from Project Team, then recycle to Task Force.
 - d. 5 required Task Force clarification, then response from Project Team.
4. Status of work being performed by ETF as interface with C-E Task Force -- re expansion of component boundaries for verification items 1 and 2:
 - a. Item 1 - HPSI Pump
 - 1) Electrical and I&C independent designs were completed and presented to Review Committee for completeness review. Verbal authorization was given to Project Team Nov 19 to release all requested existing design documents to ETF for design comparison.
 - 2) Design comparisons should start Nov 22.
 - 3) Independent verifications of actual vs allowable pump nozzle loads and of pump foundation existing design were completed and transmitted to C-E Task Force Nov 19.
 - b. Item 2 - SIT Isolation Valve
 - 1) Same status as electrical and I&C independent designs for HPSI Pump per a.1) above.
 - 2) Design comparisons expected to start Nov. 22.
5. The ETF started preparing lists of documents to be requested from Project Team for field installation verification and start-up operation verification phases of the program. That work is scheduled to commence Nov 29 and 30 at St. Lucie jobsite.
6. The next Status Summary to be issued will cover the two-week period from November 22 - December 4. Both November 25 (Thanksgiving Day) and November 26 are being observed as holidays in the Ebasco New York and C-E Windsor offices.



ENGINEERING VERIFICATION PROGRAM
WEEKLY STATUS SUMMARY
C-E TASK FORCE
NOVEMBER 15 - NOVEMBER 19

1. In preparation for the EVP Review Committee meeting, the C-E EVP Task Force transmitted packages documenting 27 unresolved item (discrepancy) reports to each member of the EVP Review Committee.

Of the 27 reports slated for Committee action, 6 were considered resolved by the C-E Task Force prior to Committee review.

2. A Review Committee meeting was held at C-E on Friday, November 19, with all members attending. Committee action was as follows:

- 12 items were closed out and accepted by the Committee;
- 10 items were recycled to the Task Force for additional engineering analysis;
- 5 items were held for additional on-site engineering review prior to further Committee action.

3. Preparation of on-site verification checklists for C-E EVP Items 1 and 2 continued during this report period. On-site verification of installation and start-up operational test phases will begin about November 29.

4. The C-E EVP Task Force will provide FPL with advance notification of on-site documentation requirements early in the next report period (approximately one week before field verification begins).

