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ACCESSION NBR: 8302280271 DOC. DATE: 83/02/25 NOTARIZED: NO DOCKET #  
 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389  
 AUTH. NAME: UHRIG, R.E. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Forwards "Auxiliary Feedwater Sys pump Endurance, Test Rept," demonstrating acceptability of pumps re bearing housing/oil temp, vibration & pump performance.

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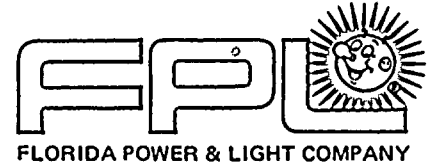
1. The first part of the document discusses the general principles of the project. It outlines the objectives and the scope of the work. The second part provides a detailed description of the methodology used in the study. This includes the selection of participants, the procedures followed, and the data collection methods. The third part presents the results of the study, which are discussed in the context of the research objectives. Finally, the document concludes with a summary of the findings and some suggestions for future research.

The results of the study indicate that there is a significant relationship between the variables being studied. This finding is consistent with the theoretical framework proposed at the beginning of the document. The implications of these results are discussed in the following section.

In conclusion, the study has provided valuable insights into the relationship between the variables under investigation. The findings have important implications for the field of study and may inform future research and practice.

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Year	Country	Population (Millions)	GDP (Billion USD)	Life Expectancy (Years)	Urbanization (%)	Healthcare Expenditure (%)	Education Expenditure (%)
1980	USA	225	2000	75	75	15	4
1985	USA	235	2500	76	76	16	4.5
1990	USA	245	3000	77	77	17	5
1995	USA	255	3500	78	78	18	5.5
2000	USA	265	4000	79	79	19	6
2005	USA	275	4500	80	80	20	6.5
2010	USA	285	5000	81	81	21	7
2015	USA	295	5500	82	82	22	7.5
2020	USA	305	6000	83	83	23	8
1980	Japan	125	1000	80	75	12	3
1985	Japan	125	1200	81	76	13	3.5
1990	Japan	125	1400	82	77	14	4
1995	Japan	125	1600	83	78	15	4.5
2000	Japan	125	1800	84	79	16	5
2005	Japan	125	2000	85	80	17	5.5
2010	Japan	125	2200	86	81	18	6
2015	Japan	125	2400	87	82	19	6.5
2020	Japan	125	2600	88	83	20	7
1980	France	55	1000	80	75	12	3
1985	France	55	1200	81	76	13	3.5
1990	France	55	1400	82	77	14	4
1995	France	55	1600	83	78	15	4.5
2000	France	55	1800	84	79	16	5
2005	France	55	2000	85	80	17	5.5
2010	France	55	2200	86	81	18	6
2015	France	55	2400	87	82	19	6.5
2020	France	55	2600	88	83	20	7



February 25, 1983  
L-83-93

Office of Nuclear Reactor Regulations  
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  
Auxiliary Feedwater System  
Pump Endurance Test

Attached for your review is Florida Power & Light Company's report regarding the AFW System Pump Endurance Test. As stated in the report, the test demonstrated the acceptability of the AFW pumps with respect to bearing housing/bearing oil temperature, vibration and pump performance, and that the pump room ambient temperature did not exceed the environmental qualification temperature limits for safety related equipment in the room.

If you have any questions regarding this submittal, please contact us.

Very truly yours,

Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

Attachment

cc: J. P. O'Reilly, Region II  
Harold F. Reis, Esquire

*Boo!*

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PDR ADOCK 05000389  
A PDR

