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 URRIG, R.E. RECIPIENT AFFILIATION: Division of Operating Reactors  
 RECIP. NAME: EISENHUT, D.G.

DOCKET #  
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SUBJECT: Forwards "Sensitivity Evaluation of C-E ECCS Evaluation Model to Cladding Rupture Strain & Fuel Assembly Flow Blockage Models." Fuel vendor ECCS analyses is in compliance w/10CFR50.46.

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 TITLE: Resp to Lesson Learn Task Force - Comb Eng & 50-267

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 ECCS

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1. The first part of the document discusses the general situation of the country and the progress of the war. It mentions the importance of maintaining the morale of the people and the need for a united front.

2. The second part of the document deals with the economic situation and the measures being taken to improve it. It emphasizes the need for efficiency and the reduction of waste.

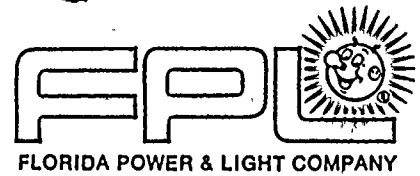
3. The third part of the document focuses on the social and cultural aspects of the war effort. It calls for a greater sense of responsibility and duty among all citizens.

4. The fourth part of the document discusses the military situation and the progress of the war. It mentions the importance of the air force and the need for better coordination between the different branches of the armed forces.

5. The fifth part of the document deals with the international situation and the role of the country in the world. It mentions the need for a strong and independent foreign policy.

6. The sixth part of the document discusses the future of the country and the role of the people in building a better society. It mentions the need for a strong and stable government.

7. The seventh part of the document deals with the conclusion of the document and the call to action for all citizens. It mentions the need for a united front and the importance of the war effort.



January 23, 1980  
L-80-31

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

Dear Mr. Eisenhut:


Re: St. Lucie Unit 1  
Docket No. 50-335  
Effects of Fuel Clad Research Data on ECCS Analysis

Our letter L-80-9 of January 9, 1980 responded to your letters of November 9 and November 27, 1979 concerning the potential effect of new fuel clad research data on the ECCS analysis for St. Lucie Unit 1. This letter follows up our commitment to provide the results of an evaluation by our fuel vendor.

In order to respond to the NRC concern in a timely manner, our fuel vendor performed an analysis for the operating plants with their fuel. The attached analysis was performed for the plant most limited by the new NRC models for the previously determined limiting break size. The Combustion Engineering ECCS Evaluation Model of September, 1978 was used for this analysis. The method for including the new NRC rupture strain and blockage models is described in detail in Section III of the attached report. Results of the analysis are summarized in Section IV of the report. With higher (more conservative) strain and blockage, a lower peak cladding temperature than calculated for the reference cycle was obtained. The applicability of the analysis to St. Lucie Unit 1 is provided in Sections V and VI.

As a result of the analysis documented in the attached report, we believe that the ECCS analyses performed for our plant by our fuel vendor continue to be in compliance with the limits of 10CFR50.46.

Very truly yours,

  
Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/MAS/SKM/cph

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

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