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ATOMIC ENERGY COMMISSION  
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Net No. 50-302 ✓

March 13, 1970

Florida Power Corporation  
101 Fifth Street South  
St. Petersburg, Florida 33701

Attention: Mr. J. T. Rodgers  
Nuclear Project Manager

Gentlemen:

We have reviewed your Amendment 8 to the Preliminary Safety Analysis Report for your Crystal River plant, containing the latest design information on the containment. One material criterion listed in your March 4, 1970 letter of transmittal is that the NDTT would be  $-15^{\circ}$  F or that the material would meet acceptable impact test requirements. This criterion provides reasonable assurance that the anchorage hardware can perform its function in an environment  $30^{\circ}$  F lower than the minimum expected site temperature. We conclude that your procurement criteria for the anchorage hardware components as described in your March 4, 1970 letter of transmittal are acceptable. Appropriate attention should be given to the fabrication processes for the components to prevent undesirable changes in properties. We understand that you will provide us with a material description and fabrication process summary when that information is available.

We are continuing our review of Supplement 6 on the concrete anchorage zone stress analysis. On the basis of our review thus far, we conclude that the design of the concrete anchorage zone reinforcement for the containment base mat is acceptable. When we have completed our review of Supplement 6, we will notify you of our further comments or concurrence.

Sincerely,

Original Signed by  
Peter A. Morris

Peter A. Morris, Director  
Division of Reactor Licensing

cc:  
Mr. Roy B. Snapp  
1725 K Street, N.W.  
Washington, D.C. 20006

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