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UHRIG,R.E. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Division of Licensing

SUBJECT: Forwards addl info re use of EXXON fuel in Cycle 6.Tech Spec changes may be needed & NRC approval required prior to Cycle 6 startup.Proposed changes expected to be submitted no less than 90 days prior to startup.

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FLORIDA POWER & LIGHT COMPANY

August 2, 1982
L-82-320

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 1; Docket No. 50-335
Use of Exxon Nuclear Fuel in Cycle 6

On February 26, 1982, we submitted a status in regard to regulatory action needed for St. Lucie Unit 1 Cycle 6. Also in that submittal it was indicated that the Cycle 6 reload would not involve any unreviewed safety questions, and therefore, prior NRC approval would not be necessary under the provisions of 10 CFR 50.59.

Your letter of July 1, 1982, indicated that your reviews would be completed essentially as requested, and that NRC approval of this submittal would most likely be required. Your letter, also identified three items of concern. Regarding the first item, the issue of guide tube wear will be addressed in XN-NF-82-09, scheduled to be submitted in October 1982. Both the applicability of XN-NF-81-22 to PWRs and the additional statistical uncertainty report for St. Lucie 1 application (your items 2 and 3, respectively) will be addressed in the supplement to XN-NF-507, also scheduled to be submitted in October 1982.

Furthermore, regarding items 2 and 3 of your July 1, 1982 letter, we expect to provide documentation to you no later than August 27, 1982, in preparation for a meeting with your Technical Staff to be held the week of September 13, 1982. We plan on discussing these items in detail during that meeting.

Attached is a revised review schedule which supercedes the schedule submitted February 26, 1982. This schedule was discussed with members of your staff on July 13, 1982, and as discussed, should not delay completion on your reviews as requested. Furthermore, Technical Specifition changes may be necessary, and therefore, your approval required prior to startup of Cycle 6. Any proposed Technical Specification changes will be submitted no less than 90 days prior to startup.

A001

Very truly yours,

J A de Mastry
for

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/cab

Document Number	Title	Submitted to NRC	Anticipated Approval
XN-75-27, Supp.1&2	Exxon Nuclear Neutronic Design for Pressurized Water Reactors		Approved
* Supp. 3		10/82	
XN-NF-507	ENL Setpoint Methodology for C.E. Reactors		Approved for Fort Calhoun
* Supplement	(Incorporates XN-NF-81-22)	10/82	
XN-75-48	Definition and Justification of Exxon Nuclear Company DNB Correlation for PWRs		Approved for Previously Licensed PWRs
XN-74-5, Rev. 1	Description of the Exxon Nuclear Plant Transient Simulation Model for Pressurized Water Reactors (PTSPWR)		Approved for Previously Licensed PWRs
XN-209	Densification Effects on Exxon Nuclear Pressurized Water Reactor Fuel		Approved
XN-75-32, Supp. 1&2	Computational Procedures for Evaluating Fuel Rod Bowing	6/75	9/82
XN-75-41	Exxon Nuclear Company WREM-Based Generic PWR ECCS Evaluation Model		Approved
XN-76-27	Exxon Nuclear Company WREM-Based Generic PWR ECCS Evaluation Model Update ENC WREM-II		Approved
XN-NF-78-30	Exxon Nuclear Company WREM-Based Generic PWR ECCS Evaluation Model Update ENC WREM-IIA		Approved
XN-NF-81-22	Generic Statistical Uncertainty Analysis Methodology	5/81	8/82
XN-NF-81-58	Fuel Rod Thermal-Mechanical Response Evaluation Model (RODEX2)	8/81	10/82
XN-NF-82-05	Qualification of Exxon Nuclear Company Fuel for Extended Burnup	2/82	9/83
XN-NF-82-20	Exxon Nuclear Company Evaluation Model EXEM/PWR ECCS Model Update	2/82	10/82
* Supplement	Example Problem for C.E. Reactors	8/82	10/82

*Approval needed first for St. Lucie Unit 1; other reports applied to other reactors first.

Document Number	Title	Submitted to NRC	Anticipated Approval
*XN-NF-82-09	Generic Mechanical Design for Exxon Nuclear 14x14 Reload Fuel for C.E. Reactors	10/82	1/83
XN-NF-621	Exxon Nuclear DNB Correlation for PWR Fuel Designs	2/82	10/82
Revision	Extension of DNB Correlation	5/82	10/82
XN-NF-82-07	Exxon Nuclear Company ECCS Cladding Swelling and Rupture Model	3/82	10/82