Dockets Nos. 50-269 J 50-270. and 50-287

> Mr. William O. Parker, Jr. Vice President - Steam Production Duke Power Company P. O. Box 2178 422 South Church Street Charlotte, North Carolina 28242

OCTOBER 2 2 1979 Distribution: Docket files (3) NRC PDR (3) L PDR ORB#4 Rdg. NRR Rda. D. Eisenhut B. Grimes R. Vollmer T. J. Carter W. Russell W. Gammill L. Shao J. R. Miller

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Attorney, OELD 0I&E (3) R. Reid M. Fairtile R. Ingram J. R. Buchanan TERA ACRS (16) V. Noonan B. D. Laiw J. Strosnider Gray file

Dear Mr. Parker:

The NRC was notified on July 24, 1979, of a tube leak in steam generator 1B in Oconee Unit No. 1. The leak rate exceeded the Technical Specification limit of 0.3 gpm resulting in a shutdown of the Unit for inspection and repair. The tube was identified as 73-130 at the periphery of the tube bundle and the leak was located at the 14th support plate.

Subsequent work by your staff failed to determine the cause of the leak. We understand you considered removing the tube but found this procedure very difficult because of the tube location. Fiber optic examination of the tube was unsuccessful. Your inspection of 230 tubes during the shutdown did not reveal any significant growth of known flaws, indicate any tubes neighboring 73-130 with defects, not were new defects found in tubes previously inspected. We were informed by your staff that SG 1B would be inspected again during the forthcoming Cycle 6 reload. Kindly submit the criteria for this proposed inspection program for our review. As neither DPC nor the NRC can offer a cause for the leak in the tube 73-130, we further request that you submit any programs you have on-going or planned for investigating the "erosion/corrosion" phenomenon previously found in SG 1B and the results of any such investigationssto assist us in our assessment of this leak. In addition, we feel that a meeting between Duke Power and their consultants and the NRC to discuss the "erosion/ corrosion" phenomenon and the general condition of the Oconee Unit 1 steam generators may be appropriate prior to startup following the upcoming inspection.

OFFICE

DATE

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Kindly provide the information at least two weeks before Unit 1 is shutdown. Submit three signed originals and 37 additional copies of the transmittal letter.

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Sincerely,

Original signed by Robert W. Roid

Robert W. Reid, Chief Operating Reactors Branch #4 Division of Operating Reactors

cc: See next page

OFFICE SURNAME DATE

NRC FORM 318 (9-76) NRCM 0241



UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

October 22, 1979

Dockets Nos. 50-2<u>69</u> 50-270, and 50-287

> Mr. William O. Parker, Jr. Vice President - Steam Production Duke Power Company P. O. Box 2178 422 South Church Street Charlotte, North Carolina 28242

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Kindly provide the information at least two weeks before Unit 1 is shutdown. Submit three signed originals and 37 additional copies of the transmittal letter.

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Sincerely,

· Cen

Robert W. Reid, Chief Operating Reactors Branch #4 Division of Operating Reactors

cc: See next page

Duke Power Company

cc: Mr. William L. Porter Duke Power Company Post Office Box 2178 422 South Church Street Charlotte, North Carolina 28242

J. Michael McGarry, III, Esquire DeBevoise & Liberman 700 Shoreham Building 806 15th Street, N.W. Washington, D. C. 20005

U. S. Nuclear Regulatory Commission Region II Office of Inspection and Enforcement ATTN: Mr. Francis Jape P. O. Box 85 Seneca, South Carolina 29678

Mr. Robert B. Borsum Babcock & Wilcox Nuclear Power Generation Division Suite 420, 7735 Old Georgetown Road Bethesda, Maryland 20014

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Manager, LIS NUS Corporation 2536 Countryside Boulevard Clearwater, Florida 33515

Oconee Public Library 201 South Spring Street Walhalla, South Carolina 29691

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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

October 22, 1979

D/F

Dockets Nos. 50-269, 50-2<u>70,</u> and 50-287

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M. Cen

Robert W. Reid, Chief Operating Reactors Branch #4 Division of Operating Reactors

cc: See next page

cc:

Hr. William L. Porter Duke Power Company Post Office Box 2178 422 South Church Street Charlotte, North Carolina 28242

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