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50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

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SUBJECT: Advises that plant will operate w/CCW crossover valves
1CCW-40 & 3CCW-42 in open position, as followup to util
930413 notification of change in normal position of CCW
crossover valves.

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DUKE POWER

May 7, 1993

U. S. Nuclear Regulatory Commission
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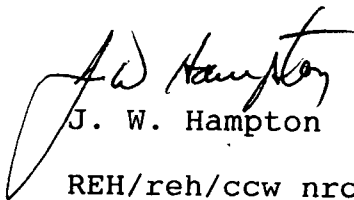
Subject: Oconee Nuclear Station, Units 1, 2 and 3
Docket Nos. 50-269, -270, -287
Condenser Cooling Water (CCW) System

In a letter dated April 14, 1993, Duke Power notified the NRC of a change to a commitment regarding the normal position of the CCW crossover valves. Our letter stated that we had opened CCW crossover valves 1CCW-40 and 3CCW-42 due to the discovery of a potential situation that could make Oconee Units 1, 2 and 3 unable to withstand a LOCA/LOOP event coincident with a single failure. We stated that the valves would be kept open for a period of up to 30 days while we evaluate long-term corrective actions. We committed to notify the NRC of the results of our evaluation.

Subsequently, we have evaluated the risks of leaving the crossover valves opened on a long-term basis. The results indicate that the estimated frequency (annual probability) of core damage from Turbine Building flooding is essentially the same low value with the CCW crossover valves in the open configuration compared to the value with the valves closed ($5.7E-6$ per year versus $5.5E-6$ per year). Therefore, since there is insignificant additional risk involved as related to a Turbine Building Flooding event and our ability to withstand a LOCA/LOOP event is increased, Duke Power Company has determined that Oconee will operate with 1CCW-40 and 3CCW-42 in the open position.

Please call David Patterson at (803) 885-3297 if there are any questions about this.

Very truly yours,


J. W. Hampton

REH/reh/ccw_nrc2

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May 7, 1993
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