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SUBJECT: Discusses util intention to perform mod to reroute LPSW
discharge line & consequent effluent monitoring requirement.

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DUKE POWER

July 17, 1995

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Subject: Duke Power Company
Oconee Nuclear Site
Docket Nos. 50-269, -270, -287
Effluent Monitoring per 10CFR50.34a

In correspondences dated April 25, 1977 (Duke letter to NRC), August 4, 1977 (NRC letter to Duke), September 27, 1977 (Duke letter to NRC), and meeting dated June 1, 1977, it was noted that wastewater collection basins would be monitored if they received potentially radioactive effluents. Chemical Treatment Pond # 3 (CTP-3) fell into the context of this description and is a monitored collection basin. Currently an LPSW discharge line for miscellaneous Unit 1 and 2 heat exchangers, along with numerous other potential effluent release paths, is routed into CTP-3. However, Duke intends to perform a modification to reroute the LPSW discharge line into the normal CCW discharge line to comply with environmental requirements. The normal CCW discharge line to which this LPSW discharge line is to be rerouted is not monitored in accordance with 10CFR50.34a.

Duke has reviewed the requirements of 10CFR50.34a and has concluded that the rerouted LPSW line does not require effluent monitoring. The conclusion not to monitor this line is based on the condition in 10CFR50.34a that the radioactivity release path must be a credible event. Oconee Engineering has performed an evaluation which concludes that it is not credible for contamination to be released via the rerouted LPSW line.

It is Duke's position that the effluent monitoring for flowpaths into CTP-3 constitutes a historical commitment per the stated correspondence. However, the commitments made in the historical correspondence were made to meet the intent of 10CFR50.34a and included all effluent paths into CTP-3 regardless of the credibility of radioactive release from each line. Since the subject LPSW line has now been evaluated separately from the other effluent paths, this commitment should no longer be applicable to the rerouted LPSW line.

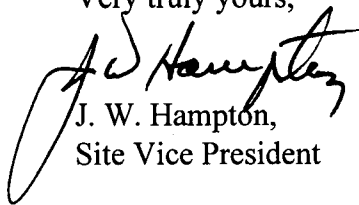
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If there are any questions about this issue, please contact David Nix at (803) 885-3634.

Very truly yours,

A handwritten signature in black ink, appearing to read "J. W. Hampton". The signature is written in a cursive style with a large, looping initial "J".

J. W. Hampton,
Site Vice President

U. S. Nuclear Regulatory Commission
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