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J. D. Woodard
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Alabama Power

the southern electric system

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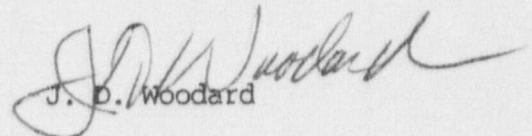
U. S. Nuclear Regulatory Commission
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Joseph M. Farley Nuclear Plant
Unit 1
Monthly Operating Data Report

Attached is the March 1989 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 1, required by Section 6.9.1.10 of the Technical Specifications. Also attached is Revision 7 to the Offsite Dose Calculation Manual (ODCM) for the Joseph M. Farley Nuclear Plant as required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Yours very truly,


J. D. Woodard

JDW/JGS:sme/1.6

Attachments

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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
March, 1989

There were no unit shutdowns or significant power reductions during the month of March.

The following major safety-related maintenance was performed in the month of March:

1. The 1A charging pump room cooler was cleaned.
2. A piece of line on the 1C service water lube and cooling line was replaced due to blockage.
3. The 1A motor control center cooler was cleaned.
4. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

JOSEPH M. FARLEY NUCLEAR PLANT
ADDENDUM CONCERNING REVISION 7 TO THE
OFFSITE DOSE CALCULATION MANUAL

Revision 7 to the Offsite Dose Calculation Manual (ODCM) was approved by the PORC on February 2, 1989, and became effective on April 3, 1989. The methodology described in Revision 7 is consistent with the previous revision with the following exceptions:

Revision 7 incorporates a change to the calculation of plume dispersion. Under certain atmospheric conditions, this change results in a slightly more conservative estimate of the off-site dose. The change is being implemented to ensure consistency with Regulatory Guide 1.111.

The values provided in Tables 6-1, 6-2, 6-3, and 6-4 for dispersion parameters X/Q and D/Q have been recalculated using the same methodology and meteorological data as FSAR Tables 2.3-21 and 2.3-22. Advanced computer techniques and improved data resolution from magnetic tape have resulted in more accurate values hence the slight variations. These slight differences will not cause a significant difference in dose or dose rate calculations.

Revision 7 presents the equations from Regulatory Guide 1.109 with greater detail and follows the format of the Regulatory Guide more closely.

Editorial changes provide a more logical flow and include the sources of equations used in dose calculations.

It was determined by the PORC that this change does not reduce the accuracy or reliability of dose calculations or setpoint determinations.

The ODCM applies to Farley Nuclear Plant Units 1 and 2.