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W. G. Hairston, III
Senior Vice President
Nuclear Operations

February 28, 1991



Docket Nos. 50-348
50-364

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Joseph M. Farley Nuclear Plant Annual Report of
Radiation Dose Distribution For 1990

Gentlemen:

In accordance with 10 CFR 20.407, the attached 1990 Annual Report of Radiation Dose Distribution for personnel at the Joseph M. Farley Plant is provided. The data provided represents actual radiation dose.

If you should have any questions, please contact our office.

Sincerely,


W. G. Hairston, III

WGH,III/DMH:sfj3334

Attachment

cc: Mr. S. D. Ebner
Mr. S. T. Hoffman
Mr. G. F. Maxwell

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ATTACHMENT

1990 ANNUAL REPORT OF RADIATION DOSE DISTRIBUTION

I. Section 20.407(a)(2) (provided during calendar year)

Number of Personnel Badged at Plant: 2219

II. Section 20.407(b)

Whole Body Exposures for Calendar Year 1990

Licensee Reporting:
Alabama Power Company
Farley Nuclear Plant
P. O. Drawer 470
Ashford, AL 36312

NRC License Nos.
NPF-2
NPF-8

<u>Estimated Annual Whole Body Exposure Ranges (Rem)</u>	<u>Number of Individuals in Each Range</u>
No Measurable Exposure.....	519
Measurable Exposure less than 0.1.....	796
0.1—0.25.....	364
0.25—0.5.....	263
0.5—0.75.....	144
0.75—1.....	42
1—2.....	65
2—3.....	26
3—4.....	0
4—5.....	0
5—6.....	0
6—7.....	0
7—8.....	0
8—9.....	0
9—10.....	0
10—11.....	0
11—12.....	0
>12.....	0

Notes

1. Individual values exactly equal to the values separating exposure ranges are reported in the higher range.
2. The total radiation exposure of the above personnel is 457.050 rem which constitutes 100% of site exposure for the year.