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Docket Nos. 50-313 and 50-308

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Arkansas Electric and Utility Company
ATTN: Mr. J. D. Phillips
Vice President and Chief Engineer
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

In reviewing the Safety Analysis Reports and Environmental Reports for Arkansas Nuclear One Unit 1 and Unit 2 Facilities, we note inconsistencies among the various documents in reported releases of gaseous effluents. Examples of such inconsistencies are found in comparing Table 3-4 (p.74) of the Environmental Report for Unit 1, Table 11.1-i-4 (p.11-11, Vol. II) of the PSAR for Unit 2, Table 11-5 (p.11-27 Vol. II) of the PSAR for Unit 1, and lack of specific data in the Environmental Report for Unit 2. Please provide consistent data on releases of gaseous effluents for each facility fully setting forth the assumptions used. For each nuclide released in gaseous effluent please provide maximum design basis values and actual expected values under usual operating conditions for total curies released per year, total curies released during any planned release period, concentrations at the site boundary or in the unrestricted area (Ci/m³), and Ci-sec/m³ for appropriate release periods at the site boundary or in the unrestricted area.

We would appreciate having these data as soon as possible since they are required for the preparation of the environmental statements.

Sincerely yours,

LESTER ROGERS

Lester Rogers, Director
Division of Radiological and
Environmental Protection

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