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April 23, 1984

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NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N. W.
Suite 2900
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly
Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File: 0260/15319
Special Report 84-019/0 -
June, 1982, through
January, 1984: Broadleaf
Vegetation Samples
AECM-84/0163

Section 3.12.1.b of Grand Gulf Nuclear Station's (GGNS) Technical Specifications requires monthly broadleaf vegetation sampling. Due to the unavailability of vegetation during the coldest winter and hottest summer months, some of the broadleaf vegetation samples were not collected in sectors having the highest calculated D/Q. Table 1 summarizes the broadleaf vegetation sample collections for the period of discussion.

Poor prevailing soil conditions and problems with interpretation of GGNS Technical Specifications were the causes of inadequate sampling and reporting. These deficiencies were noted during an NRC inspection in February, 1984.

In order to improve broadleaf vegetation sample collection and reporting, and to prevent a recurrence of this problem, the following actions are being taken:

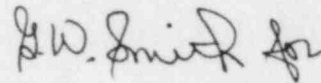
- o To be consistent with Standard Technical Specifications reporting requirements, efforts are underway to revise and clarify GGNS Technical Specifications to require that vegetation unavailabilities be reported in the Annual Radiological Environmental Operating Report.

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- o Efforts are underway to improve the GGNS garden site, which is located in sector J, by depositing additional topsoil and providing a permanent water supply for the area. This should improve the availability of broadleaf vegetation samples for near site sampling.
- o Radiological & Environmental Services (R&ES) personnel are working in conjunction with Alcorn State University's Agricultural Department to provide a permanent control broadleaf vegetation plot at their facility. This will ensure that control broadleaf vegetation samples are available on a routine basis.

This report is provided pursuant to GGNS Technical Specification 6.9.2. If you have any questions or comments, please contact Mr. G. O. Smith, Supervisor of Environmental Services, at (601) 969-2672.

Yours truly,



L. F. Dale
Manager of Nuclear Services

EBS/SHH:aly

Attachment

cc: Mr. J. B. Richard (w/o)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/a)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

TABLE 1

1983 BROADLEAF VEGETATION SAMPLE COLLECTION
June, 1982 through January, 1984

Month	Year	Sector J	Other Sectors	Control Samples
June	1982	Not Available	Not Available	1 Sample
July	1982	Not Available	Not Available	Not Available
August	1982	Not Available	Not Available	Not Available
September	1982	1 Sample	Not Available	Not Available
October	1982	Not Available	Not Available	Not Available
November	1982	1 Sample	6 Samples	Not Available
December	1982	3 Samples	Not Available	Not Available
January	1983	Not Available	Not Available	2 Samples
February	1983	Not Available	1 Sample	Not Available
March	1983	Not Available	Not Available	Not Available
April	1983	2 Samples	Not Available	Not Available
May	1983	1 Sample	Not Available	Not Available
June	1983	3 Samples	Not Available	Not Available
July	1983	3 Samples	1 Sample	Not Available
August	1983	Not Available	3 Samples	Not Available
September	1983	Not Available	4 Samples	Not Available
October	1983	Not Available	4 Samples	Not Available
November	1983	1 Sample	1 Sample	Not Available
December	1983	1 Sample	1 Sample	Not Available
January	1984	Not Available	Not Available	Not Available