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Ollie S. Bradham
Vice President
Nuclear Operations

June 30, 1989

Mr. William R. Krecker
Environmental Quality Manager
Water Quality Assessments & Enforcement
Division
South Carolina Department of Health
& Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: Virgil C. Summer Nuclear Station
Docket No. 50-395
Follow-Up Report
Fish Kill June 24-28, 1989

Dear Mr. Krecker:

South Carolina Electric & Gas Company (SCE&G) herein submits a preliminary report concerning a limited fish kill in the Virgil C. Summer Nuclear Station (VCSNS) discharge canal between the dates of June 24 and 28, 1989. The enclosed report describes the current event and probable cause. A final report will be submitted on completion of ongoing investigations by VCSNS personnel.

In accordance with the VCSNS Operating License NPF-12, Appendix B, a copy of this report is being provided to the Nuclear Regulatory Commission. Additionally, a copy of this report will also be provided to the South Carolina Department of Wildlife & Marine Resources per the request of Mr. H. J. Logan, Chief of Fisheries.

Should you require any further information, please contact Mr. Charles McKinney of my staff at your convenience.

Very truly yours,

O. S. Bradham

CJM/OSB:lcd

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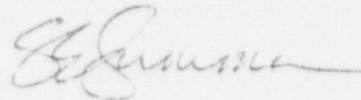
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Preliminary Report, June 1989 Fish Kill

A fish kill was discovered in the Circulating Water Discharge bay (see Figure 1) at V. C. Summer Nuclear Station in the morning of June 26, 1989. A total of twenty-four fish were found and examined. The fish were all catfish, 5 to 8 inches in total length. Most were white catfish, a few were identified as channel catfish. Most fish were badly decomposed and had apparently been dead for over 24 hours. Temperature data and the lack of any indication of unusual discharges infer that the fish kill was probably the result of increased temperatures at the bottom of the discharge bay. It was suspected that the fish kill occurred late on 6/24/89. There were no fluctuations in power level at V. C. Summer Nuclear Station during the suspected time of the kill. After notification of regulatory agencies, eight more fish were noted in the discharge bay (approximately 1630 hours).

The discharge area has been repeatedly inspected and there is indication that this is a series of fish kills, probably occurring late at night. On 6/27/89 eighteen dead fish were discovered (all catfish) and on 6/28/89 seventy-four dead fish were discovered. When it was realized that fish were continuing to be killed, regulatory agencies were notified. Since fish kills recurred after the initial notification, this is only a preliminary report. A complete report will be submitted after all pertinent data has been evaluated.



Stephen E. Summer, Supervisor
Environmental Programs
6/29/89

MONTICELLO RESERVOIR

Figure 1
June 1989 Fish Kill
V. C. Summer Nuclear Station

