APR 1 0 1986

Duke Power Company
ATTN: Mr. H. B. Tucker, Vice President
    Nuclear Production Department
422 South Church Street
Charlotte, NC 28242

Gentlemen:

SUBJECT: DOCKET NOS. 50-369, 50-370, 50-269, 50-270, 50-287, 50-413 AND 50-414

As part of the NRC Confirmatory Measurements Program, liquid samples spiked with
radionuclides will be sent to the McGuire, Oconee and Catawba facilities for
radiochemical analyses. These samples are to be analyzed for tritium,
strontium-89, strontium-90, and iron-55 in accordance with your approved
procedures for analysis of liquid waste samples. If routine analyses of this
type are normally performed by a vendor, this vendor should be used to analyze
the spiked samples. The spiked samples, with instructions, will be sent under
separate cover from the Department of Energy's Radiological and Environmental
Sciences Laboratory within approximately thirty days.

We request that the analyses be completed as soon as practicable, but no later
than 60 days from receipt of the samples. Results should be sent to
U. S. Nuclear Regulatory Commission, Region II, ATTN: Mr. P. G. Stoddart. Our
evaluation of your results will be discussed with your staff and transmitted in a
letter. Spiked samples will be sent to you on an annual basis as part of our
routine inspection program.

If you have any questions regarding this program, please contact Mr. Stoddart by
telephone at 404-331-5621.

Sincerely,

Virgil L. Brownlee, Chief
Reactor Projects Branch 3
Division of Reactor Projects

cc: T. L. McConnell, Station Manager
    J. W. Hampton, Station Manager
    M. S. Tuckman, Station Manager
    B. L. Dick, Vice President -
      Construction
    J. Foster, Station Health
      Physicist
    C. T. Yongue, Station Health
      Physicist
    R. H. Charest, Station Chemist

bcc: (See page 2)

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Duke Power Company   2

bcc: Resident Inspectors
     Document Control Desk
     K. N. Jabbour, NRR
     B. Hood, NRR
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     State of South Carolina
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4/9/86   4/9/86   4/9/86   4/10/86   4/10/86