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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

500C Chestnut Street Tower II

APR 20 1979

Director of Nuclear Reactor Regulation Attention: Mr. Thomas A. Ippolito, Chief Branch No. 3 Division of Operating Reactors U.S. Nuclear Regulatory Commission Washington, DC 20555

Dear Mr. Ippolito:

| In the Matter of the |) | Docket Nos. 50-259 |
|----------------------------|---|--------------------|
| Tennessee Valley Authority |) | 50–260 |
| | | 50-296 |

This is in response to your letter to H. G. Parris of March 19, 1979, which requested available indications of radiation levels attributable to plant operation. Enclosed are two sources of data concerning radiation levels in the immediate vicinity of Browns Ferry Nuclear Plant. Enclosure 1 is a compilation of routine thermoluminescent dosimeter readings collected as required by our environmental monitoring program. Enclosures 2 and 3 contain the preliminary results of a special study conducted at Browns Ferry utilizing pressurized ionization chambers to measure radiation levels around the plant. We hope that the enclosed information is responsive to your request. If you have any questions or additional concerns, please get in touch with us.

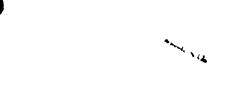
Very truly yours,

E Silleland

 $onumber {eta}$. E. Gilleland Assistant Manager of Power

Enclosures

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