

MAY 22 1992

Official

Docket Nos. 50-259, 50-260, 50-296
License Nos. DPR-33, DPR-52, DPR-68

Tennessee Valley Authority
ATTN: Dr. Mark O. Medford, Vice President
Nuclear Assurance, Licensing and Fuels
38 Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Sir:

SUBJECT: CONFIRMATORY MEASUREMENTS PROGRAM

This is to inform you of an additional inspection element to the NRC Confirmatory Measurements Program. During the Spring and Summer of 1992, as part of this program, liquid samples spiked with nonradiological species will be brought to your Browns Ferry facility by Regional NRC inspectors. These samples should be analyzed at your facility in accordance with your routine procedures. Detailed instructions will be provided. The chemical species in this study will include: ammonia, anions (fluoride, chloride, sulfate), boron, hydrazine, lithium, metals (copper, chromium, iron, nickel), silica, sodium, and zinc. The inspectors will review and evaluate the results of these analyses as part of their routine chemistry inspections and will provide this information to you in an inspection report.

This additional inspection element to the Confirmatory Measurement Program is not in response to any "perceived" weaknesses in this area, but rather in recognition of the growing importance of nonradiological water chemistry control in terms of material integrity and dose control.

We appreciate your cooperation on this matter. If you have any questions regarding this program, please contact Deborah Seymour by telephone at 404-331-2605.

Sincerely,

WEC

William E. Cline, Chief
Radiological Protection and
Emergency Preparedness Branch
Division of Radiation Safety
and Safeguards

cc: (See page 2)

9206080085 920522
PDR ADDCK 05000259
G PDR

10
LEOI

cc: Mr. J. B. Waters, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, Tennessee 37902

Mr. J. R. Bynum, Vice President
Nuclear Operations
3B Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Mr. R. R. Baron, Site Licensing
Manager
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Decatur, Alabama 35602

Mr. O. J. Zeringue, Site Vice President
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Decatur, Alabama 35602

Mr. M. J. Burlynski, Manager
Nuclear Licensing and
Regulatory Affairs
Tennessee Valley Authority
5B Lookout Place
Chattanooga, Tennessee 37402-2801

TVA Representative
Tennessee Valley Authority
11921 Rockville Pike
Suite 102
Rockville, Maryland 20852

General Counsel
Tennessee Valley Authority
ET 11H
400 West Summit Hill Drive
Knoxville, Tennessee 37902

cc: (Cont'd on page 3)

Chairman, Limestone County
Commission
P. O. Box 188
Athens, Alabama 35611

Claude Carl Fox, M.D.
State Health Officer
State Department of Public Health
State Office Building
Montgomery, Alabama 36130

bcc: S. D. Ebnetter, RII
B. A. Wilson, DRP/RII
P. J. Kellogg, DRP/RII
B. Bordenick, OGC
M. S. Callahan, GPA/CA
R. H. Bernhard, DRP/RII
T. M. Ross, NRR
Document Control Desk

NRC Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Route 12, Box 637
Athens, AL 35611

RII:DRSS	RII:DRSS	RII:DRP
<i>DAL</i> DSeymour	<i>TD</i> TDecker	<i>PK</i> PKellogg
5/12/92	5/12/92	6/1/92