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FROM: Tennessee Valley Authority Chattanooga, Tennessee 37401 J. E. Gilleland			DATE OF DOC 7-12-73	DATE REC'D 7-19-73	LTR x	MEMO	RPT	OTHER
TO: A. Giambusso			ORIG 1 signed	CC 69	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 70	DOCKET NO: 50-438 <u>50-439</u>			

DESCRIPTION:
Ltr trans the following:

PLANT NAME: Bellefonte, Units 1 & 2

ENCLOSURES:
TOPICAL REPORT NO. 0-7040 - "Concrete for Prestressed Containments Tests for Creep and Shrinkage Using Fly Ash Concrete".

ACKNOWLEDGED
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FOR ACTION/INFORMATION 7-19-73 fod

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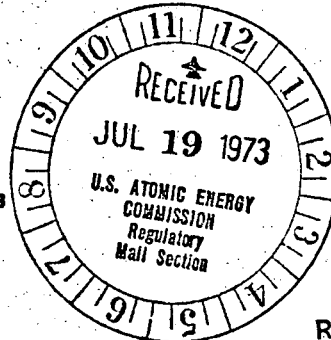
Enviro

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401



July 12, 1973

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
U.S. Atomic Energy Commission
7920 Norfolk Avenue
Bethesda, Maryland 20014



Regulatory

File Cy.

Dear Mr. Giambusso:

In the Matter of the Application of) Docket Nos. 50-438
Tennessee Valley Authority) 50-439

The Tennessee Valley Authority transmits 70 copies of report No. 0-7040 entitled, "Concrete for Prestressed Containments, Tests for Creep and Shrinkage Using Fly Ash Concrete." This report is being submitted in support of the Bellefonte Nuclear Plant, units 1 and 2 applications, and has been prepared to serve as documentation for the creep and shrinkage coefficients to be used in the design of the prestressed containment structures.

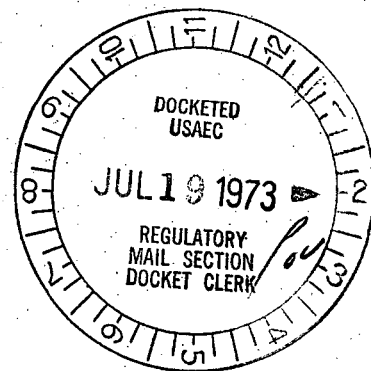
This report contains test results conducted by the TVA Central Concrete Laboratory at Singleton Station and by the Concrete Laboratory, U.S. Army Engineer Waterways Experiment Station at Vicksburg, Mississippi. The tests were performed using similar materials and the same basic fly ash concrete mix.

It is the intention of the Tennessee Valley Authority to apply the creep and shrinkage coefficients presented in this report to the design of the prestressed containment structures of the Bellefonte Nuclear Plant, units 1 and 2, as well as all future plants which utilize a prestressed containment structure.

Very truly yours,

J. E. Gilleland
J. E. Gilleland

Assistant to the Manager of Power



Enclosure (under separate cover)

5521