COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
HARRISBURG

DOCKET NO. 50-171
Suppl File

September 16, 1960

COPY

DOCKETED USAEC Division of Licensing & Regulation SEP 30 1960 Docket Officer

Mr. L. R. Gaty
Vice-President, Research & Development
Philadelphia Electric Company
1000 Chestnut Street
Philadelphia 5, Pennsylvania

Dear Mr. Gaty:

In reviewing reports submitted by your company to the Commonwealth, it appears that there is insufficient information available to determine whether the proposed Peach Bottom Reactor will be so constructed and operated as to protect fully the public health. We were anticipating more complete information in this regard. We now understand that your company has applied for a construction permit from the Atomic Energy Commission and that as a result a hearing will be held in the near future. Unless we obtain the necessary information and are able to determine from it prior to the hearing that the proposed reactor design includes adequate measures to prevent hazards to the public health, we will have to intervene at the hearing.

We are attaching for your reference a list of items on which we would like information at this time.

Sincerely yours,

C. L. Wilbar, Jr., M.D.
Secretary of Health

A-89

encl.

WAL:ncs

Blind cc: Mr. Cohen
Mr. Martin
Mr. Terrel
Mr. Brown
Mr. McCone
Mr. DeWire - V
Mr. Mason

Cys. sent to: 1) AEC Pa. Doc. Rm.
2) Div. of Compliance
3) HLP & RKK
4) Dr. Beck
9/30/60 R Diggs

9-21

DOCKET NO. 50-426
5-ppl. file

Specific Engineering Design Data and Prototype or Research and Development Data to Support the Engineering Design:

1. On the mechanical stability and the impermeability properties of the outer graphite can, and on the internal fission product trapping system of the proposed fuel element as effected by temperature, corrosion, erosion and irradiation history. (Including in-pile experimental data)

2. On each component of the external fission product trapping system.

3. On the rate of leakage of the coolant from the primary loop.

4. On the ventilation rate and clean-up process for the helium purification area, reactor and pipeway cavity, and all other proposed ventilation systems contributing to the stack effluent.

5. On the fuel element handling, transfer, and storage systems with particular reference to control of contamination during routine and abnormal operating conditions.

6. On processing rates, efficiency of treatment units, storage volumes, and discharge rates to condenser cooling water from the entire liquid wastes system.

7. On wastes handling procedures for wastes resulting from contaminating incidents.

8. On monitoring procedures and related control mechanisms.