

NOV 12 1976

MEMORANDUM FOR: Karl R. Goller, Assistant Director for Operating Reactors,
DOR

THRU: A. Schwencer, Chief, Operating Reactors Branch #1, DOR *BSI*

FROM: Don Neighbors, Project Manager, Operating Reactors
Branch #1, DOR

SUBJECT: POSITIVE FLOW INDICATION IN OCONEE HOT LEG DRAIN FOR
BORON DILUTION FLOW

You requested information as to whether or not Duke Power Company had been informed either by letter or orally of the basis for requiring positive flow indication on the reactor hot leg drain.

On numerous occasions, Duke Power Company (DPC) was informed of the need for and the reasons for the positive flow indication on the reactor hot leg drain. Specifically on February 10, 1976, DPC was orally informed by G. Mazetis, RSB, that flow indication was needed to allow the operator to get flow by an alternate method if flow were to stop in the hot leg drain. On February 27, 1976, Mr. Parker of DPC was orally informed by Mr. Rusche that the flow indication was required.

By letters dated February 17 and October 4, 1976, we informed DPC that positive flow indication was necessary if we were to find the DPC boron dilution proposals acceptable. In safety evaluations dated March 25 and June 30, 1976, we stated that DPC had committed to provide positive indication of flow. This commitment provided part of the bases for our acceptance of the long-term boron concentration analysis.

BSI

Don Neighbors, Project Manager
Operating Reactors Branch #1
Division of Operating Reactors

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