

50-209
MAR 13 1972

~~MAR 31 1972~~

NOTE TO FILE

OCONEE 1 HPI SYSTEM INADVERTENT ACTUATION DURING HOT FUNCTIONAL TESTS

Reference Note to File March 10, 1972, same subject.

Duke telephoned the following data on the subject occurrence.

1. One loop HPI pump operated for 4 minutes and 37 seconds and the other operated for 6 minutes and 15 seconds for a total of 3000 gallons injected.
2. Actual measured temperature drop in the primary system coolant was 5° (531° to 526°).
3. Analysis using assumption of complete mixing of injected water yielded .84°F temperature drop per pass, transient time in primary loop 24 seconds and total temperature drop of 9.6°F.
4. There was no boron in the system and all ECC systems operated as designed.
5. In a subsequent telecon between Peltier and Pawlicki, Pawlicki indicated he felt there is no problem here.
6. On other subjects, Duke indicated a fuel loading date of May 15, 1972, to June 1, 1972. Also Duke would like permission to bring one fuel element into the facility for fuel indexing operation.

IAP
I. A. Peltier

cc: I. Peltier
A. Schwencer
S. Pawlicki
R. DeYoung
M. Hildreth

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