



Department of Energy
Washington, D.C. 20545

Docket No. 50-537
HQ:S:82:29

JUN 25 1982

Mr. Paul S. Check, Director
CRBR Program Office
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Check:

SUBMITTAL OF DHRS PIPING ISOMETRICS - Q/R CS760.114

Enclosed are two copies of piping fabrication isometric drawings for the Direct Heat Removal Service (DHRS) as listed on the enclosure to this letter. These drawings are being supplied as Reference 1 to the response to Question CS760.114.

Sincerely,

John R. Longenecker
Acting Director, Office of the
Clinch River Breeder Reactor
Plant Project
Office of Nuclear Energy

Enclosure

cc: Service List
Standard Distribution
Licensing Distribution

DOO1

Aperture Dist

SEND DRUGS to:

~~PM~~ PM

FABRICATION ISOMETRICS - DHRS CIRCUIT

I SODIUM CIRCUIT:

A. REACTOR TO OVERFLOW VESSEL:

- (1) NO99005055 - Rev. 0
- (2) NO99005056 - Rev. 1

B. OVERFLOW VESSEL TO MAKEUP PUMPS:

- (1) NO99005049 - Rev. 0
- (2) NO99005050 - Rev. 2
- (3) NO99005051 - Rev. 1

C. MAKEUP PUMPS TO OVERFLOW HT.X.:

- (1) NO99005067 - Rev. 2
- (2) NO99005068 - Rev. 2
- (3) NO99005066 - Rev. 0

D. OVERFLOW HT.X. TO REACTOR:

- (1) NO99005070 - Rev. 1
- (2) NO99005071 - Rev. 0
- (3) NO99005069 - Rev. 1

II. NaK CIRCUIT:

A. "CROSSOVER PIPING" (BETWEEN OHX AND EVST NaK COOLING LOOPS 1 AND 2):

6" piping in RCB

- (1) NO99005048 - Rev. 1
- (2) NO99005047 - Rev. 1

6" piping in RSB

- (3) NO99005515 - Rev. 2
- (4) NO99005519 - Rev. 1

4" piping

- | | |
|-------------------------|--------------------------|
| (5) NO99005317 - Rev. 0 | (9) NO99005271 - Rev. 0 |
| (6) NO99005318 - Rev. 0 | (10) NO99005272 - Rev. 0 |
| (7) NO99005896 - Rev. 0 | (11) NO99005758 - Rev. 0 |
| (8) NO99005897 - Rev. 0 | (12) NO99005759 - Rev. 0 |

B. NaK LOOP #1:

- (1) NO99005312 - Rev. 0
- (2) NO99005314 - Rev. 2
- (3) NO99005316 - Rev. 0
- (4) NO99005852 - Rev. 0
- (5) NO99005853 - Rev. 0

C. NaK LOOP #2:

- (1) NO99005265 - Rev. 0
- (2) NO99005267 - Rev. 0
- (3) NO99005269 - Rev. 0
- (4) NO99005755 - Rev. 0
- (5) NO99005757 - Rev. 1