



Department of Energy
Fast Flux Test Facility Project Office
F. O. Box 550
Richland, Washington 99352

OCT 22 1980

Nuclear Regulatory Commission
Washington, D. C. 20555

ATTN: Mr. James R. Miller, Chief
Standardization & Special Projects Branch
Division of Licensing

Gentlemen:

ULTRASONIC INSPECTION OF FFTF PIPING

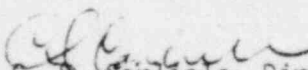
Reference: DOE/FFTFPO letter, A. J. Rizzo to NRC, same subject as above, FTF:GDB:E064, dated November 24, 1978.

The purpose of this letter is to inform you of the current status of the ultrasonic testing (UT) development program supporting a planned FFTF secondary weld inspection. Since the time of our reference letter, we have made good progress in the development of the plant equipment and in improving our data collecting and analysis techniques. The equipment is presently installed on a sodium loop at the Energy Technology Engineering Center (ETEC) in Canoga Park, California. The purpose of this testing is to demonstrate operability of the equipment on 400° F sodium wetted piping with known notch sizes and orientations.

In the reference, we had projected a demonstration of the hardware in the FFTF secondary loop at the end of reactor cycle #2. Due to an extension of the FFTF acceptance test program and our current level of success with the UT development program, the secondary loop weld inspection is forecast for the end of reactor cycle #1 which is now anticipated to be June 1982.

If you have any questions on this matter, please contact Mr. J. R. Patterson of my staff.

Very truly yours,


C. S. Carlisle, Director
FFTF Project Office

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cc:

G. Kuzmycz, NRC
G. P. Dix, DOE-OES
R. A. Hunter, DOE-HQ
J. R. Hunter, DOE-HQ
R. G. Staker, DOE-HQ
A. J. Pressesky, DOE-HQ
E. W. Pottmeyer, HEDL
R. E. Peterson, HEDL
J. M. Yatabe, HEDL
S. J. Mech, HEDL
J. DiStefano, MSTMC, ORNL
D. A. Herbst, FFTFPO
R. W. McClung, MSTMC, ORNL