

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

August 7, 1979

TVA BFNP TS 122

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Denton:

In the Matter of the  
Tennessee Valley Authority

)  
)

Docket Nos. 50-259  
50-260  
50-296

By J. E. Gilleland's letter dated March 1, 1979, to you TVA proposed technical specification changes concerning reduction of scram timing pressure restrictions. This letter is in response to a verbal request from members of your staff who need additional information to review the above proposal. The proposed change involves reducing the required reactor pressure from 950 psig to 800 psig for control rod scram timing. Your staff questioned the 20 percent scram insertion time measured at 800 psig as being conservative when compared to 950 psig. The enclosed data supports our conclusion that measuring the 20 percent scram insertion time at 800 psig is conservative. If you have any further questions, please get in touch with us.

Very truly yours

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager

Nuclear Regulation and Safety

Subscribed and sworn to before  
me this 7 day of August 1979.

*Linn Bradbury*  
Notary Public

My Commission Expires Oct. 4, 1981

Enclosures

cc: See page 2

POOR ORIGINAL

647 001

7908140565

Mr. Harold K. Denton

August 7, 1979

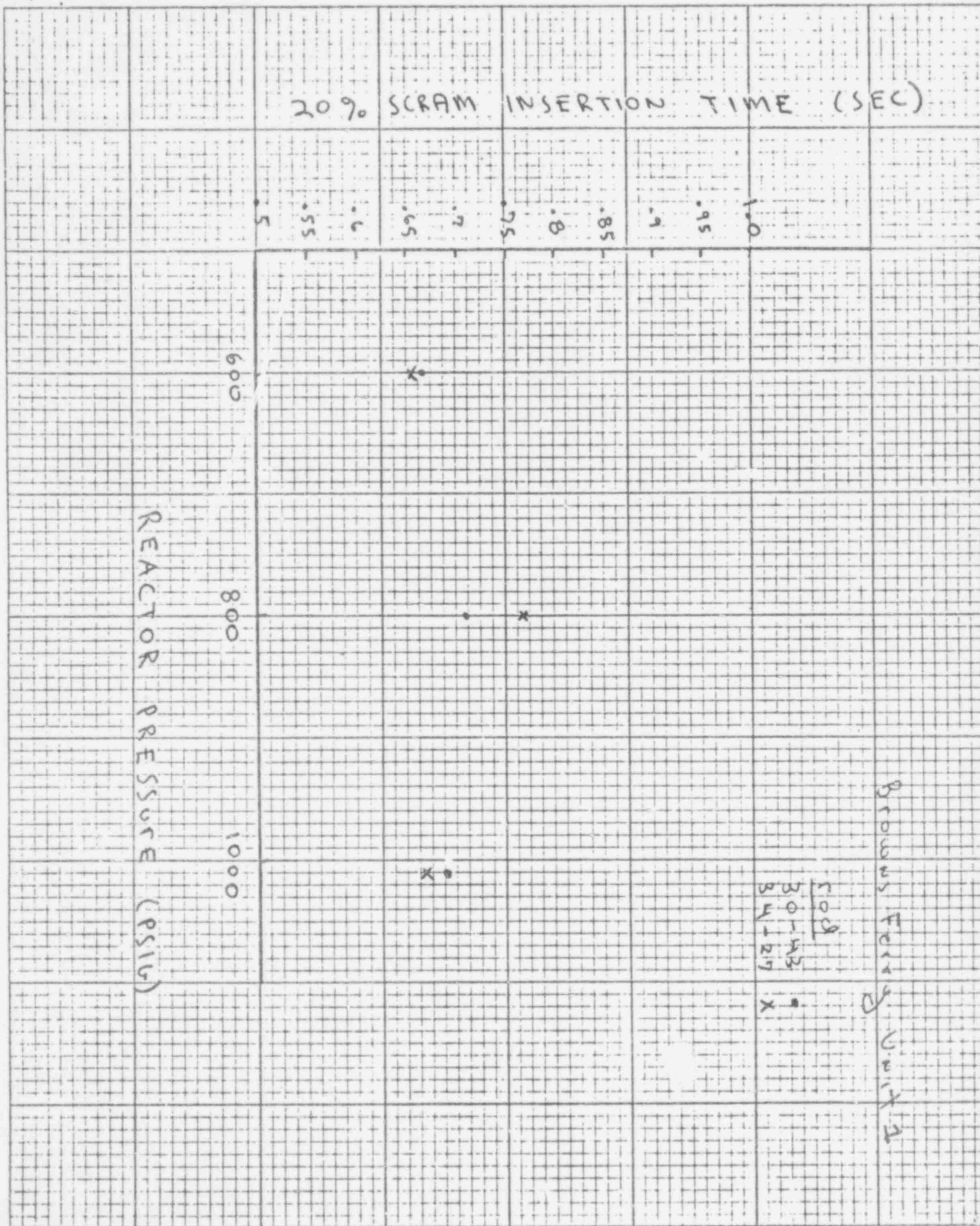
cc (Enclosures):

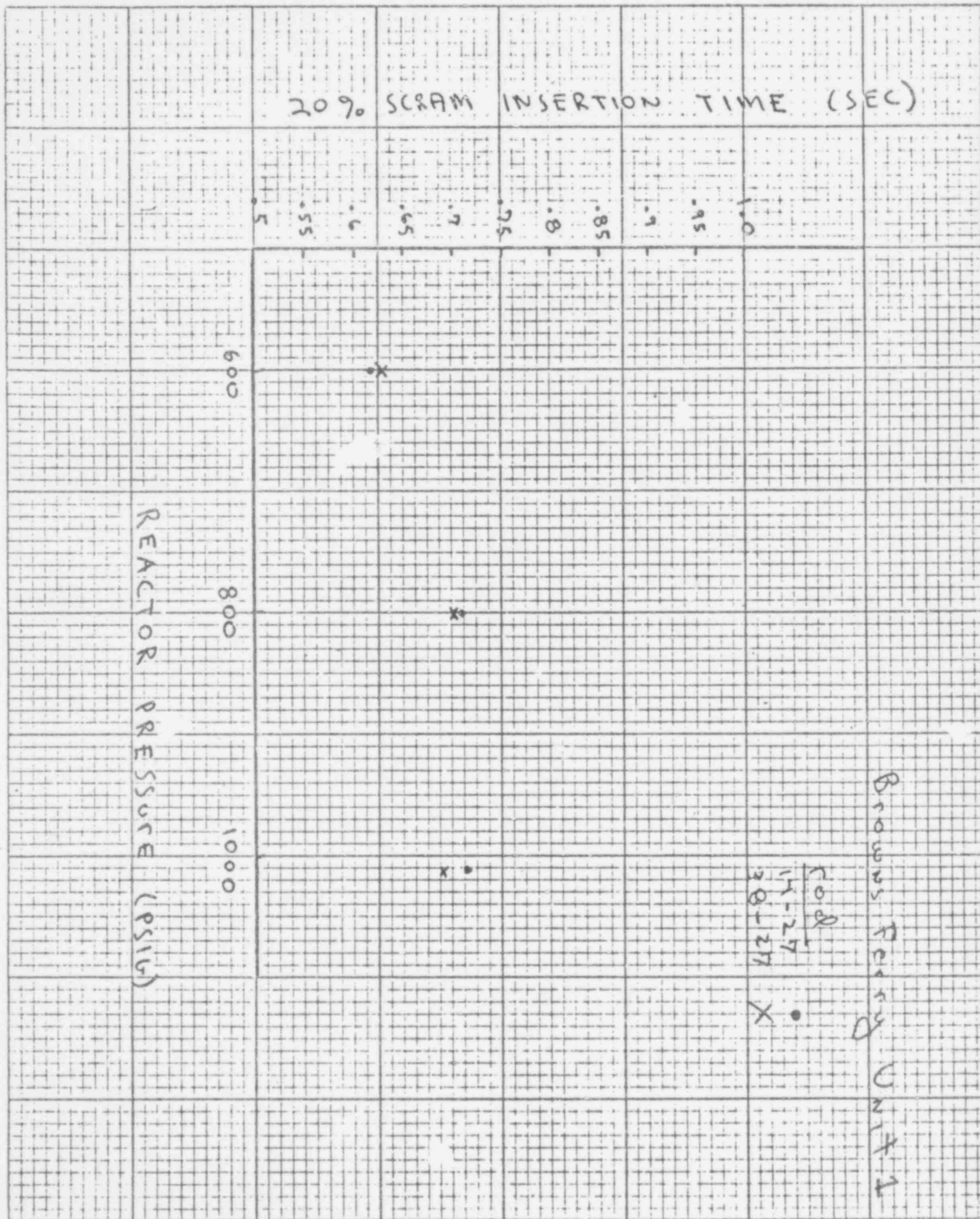
Mr. Charles R. Christopher  
Chairman, Limestone County Commission  
P.O. Box 188  
Athens, Alabama 35611

Dr. Ira L. Myers  
State Health Officer  
State Department of Public Health  
State Office Building  
Montgomery, Alabama 36104

POOR ORIGINAL

647 002



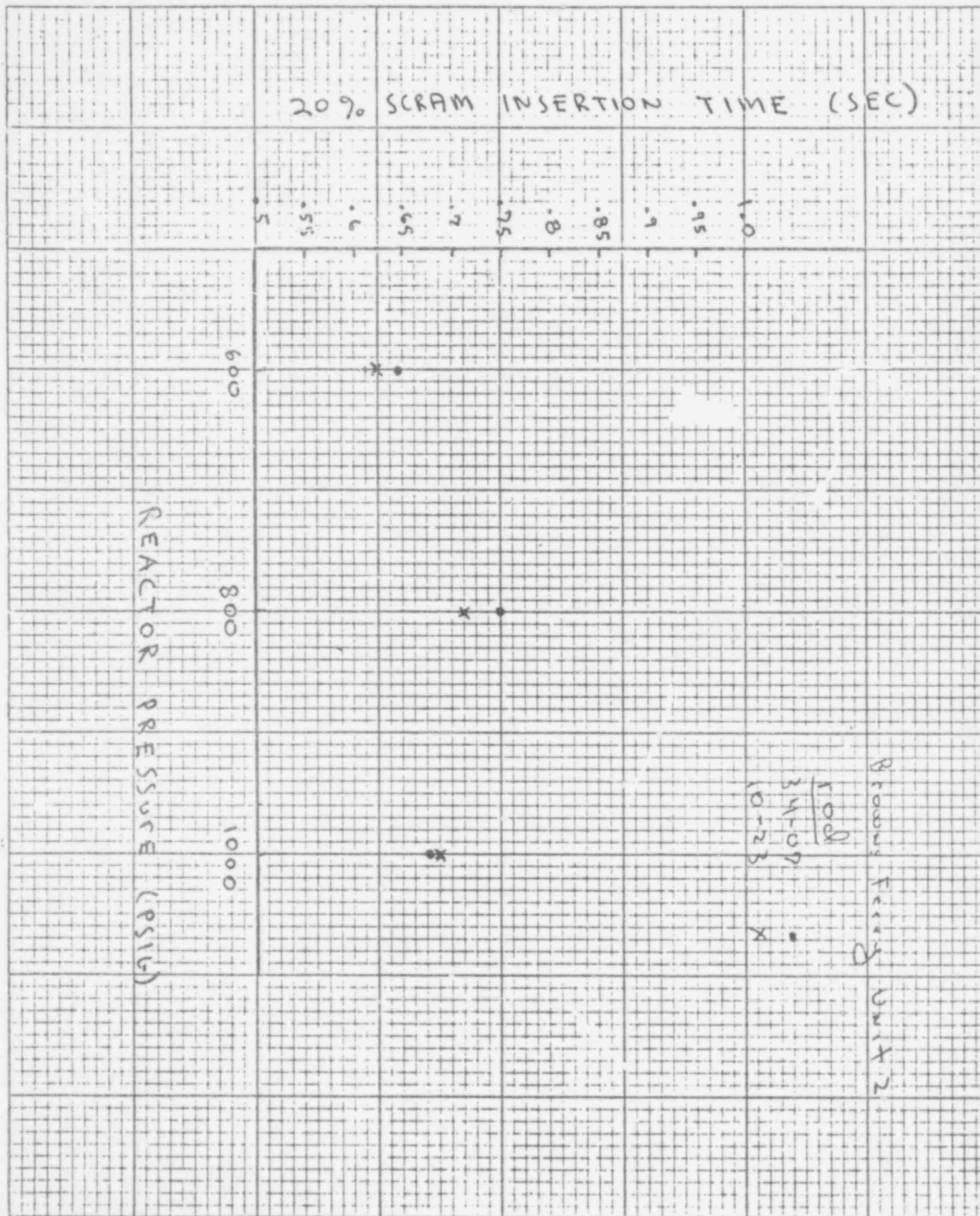


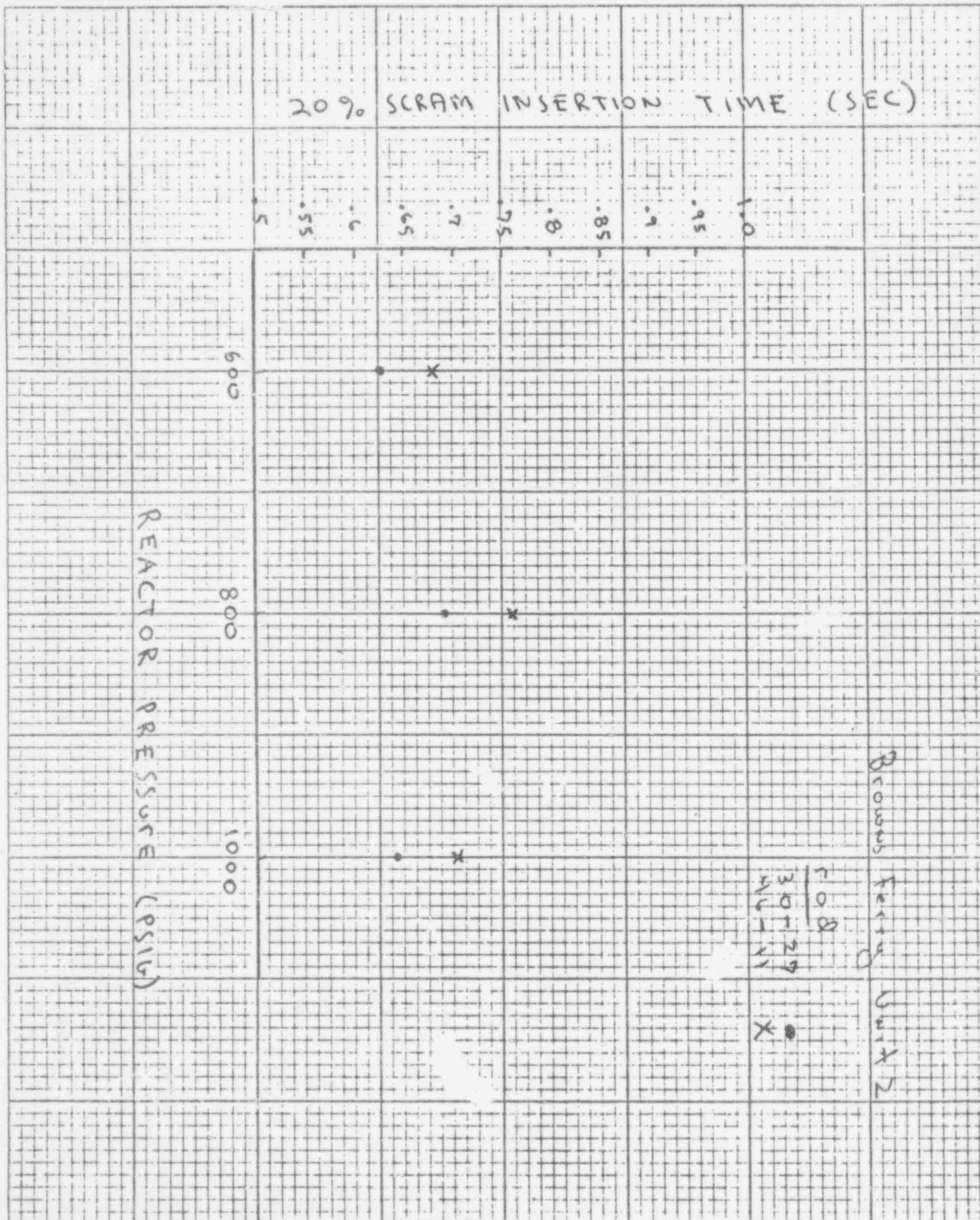
Browns Field Unit

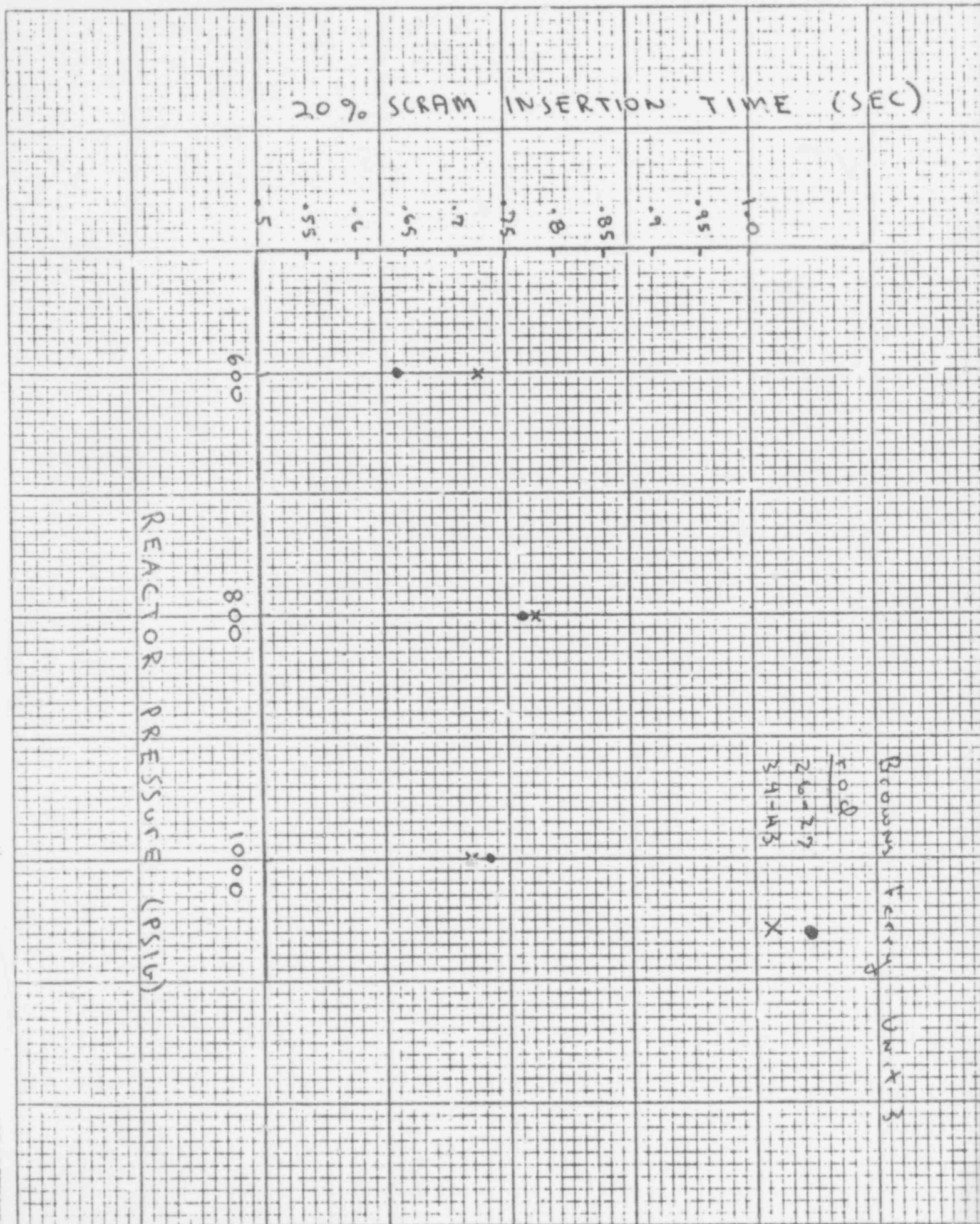
COB  
14-27  
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# 20% SCRAM INSERTION TIME (SEC)

REACTOR PRESSURE (PSIG)

600

800

1000

1.0  
0.95  
0.9  
0.85  
0.8  
0.75  
0.7  
0.65  
0.6  
0.55  
0.5

x

x

x

30.07

x

22.55

x

4.08

Brown's Ferry Unit 3