

IFR Engineering
Welding Engineers

(630) 556-4333
Fax (630) 556-4335

May 14, 2001

Mr. Deepak Chichili
Fermilab
P.O. Box 500
Batavia, IL 60510

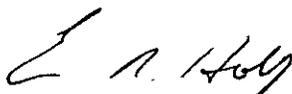
IFR File 008-13

Dear Mr. Chichili:

Attached is the test report for the welding operator tests performed. If you would like the information entered into an ASME style form send me the names and ID numbers of the welders and I will prepare them.

If you have any questions, don't hesitate to call.

Sincerely,



Eric R Holby

These records pertain to MQXBØ1,
as that cold mass was welded in
October 2001 (within six months
of these weld tests).

Report of Mechanical Testing

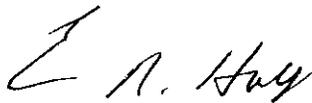
Report 008-13
Fermi P.O. 537282
5-14-01

Two welded stainless steel test assemblies were submitted for testing. Two longitudinal bend specimens were removed from each assembly and subjected to testing per ASME Section IX. Two face and Two root bend specimens from each sample was prepared in accordance with ASME Section IX, QW-462.3(b). Each specimen was tested in a guided bend test fixture such as the one shown in Figure QW-466.1 The test specimens were then evaluated per QW-163.

The results are shown below:

LES (t) Bob	Face	Acceptable
LES (t) Bob	Face	Acceptable
LES (t) Bob	Root	Acceptable
LES (t) Bob	Root	Acceptable
LEN (t) Mike	Face	Acceptable
LEN (t) Mike	Face	Acceptable
LEN (t) Mike	Root	Acceptable
LEN (t) Mike	Root	Acceptable

Prepared By,



Eric R. Holby

FERMILAB

Welding Operator Qualification Test Record

Welder's Name Bob Williams Ident No. 04656N Date 5-14-01

Welding Process GTAW Type Machine

Test in Accordance With WPS # N/A Root Backing

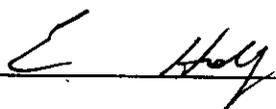
Visual Control Direct AVC None

GUIDED BEND TEST RESULTS

Specimen No.	Type	Figure Number	Results
<u>1</u>	<u>Face</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>
<u>2</u>	<u>Root</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>
<u>3</u>	<u>Face</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>
<u>4</u>	<u>Root</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>

Test Conducted By IFR Engineering Test No. 008-13 Date 05-14-01

We certify that the statements in this record are correct and that the test welds were prepared, welded and tested in accordance with the requirements of Section IX of the ASME Code.

By:  Date: 5-14-01

FERMILAB

Welding Operator Qualification Test Record

Welder's Name Mike Reynolds Ident No. 03993N Date 5-14-01

Welding Process GTAW Type Machine

Test in Accordance With WPS # N/A Root Backing

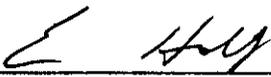
Visual Control Direct AVC None

GUIDED BEND TEST RESULTS

Specimen No.	Type	Figure Number	Results
<u>1</u>	<u>Face</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>
<u>2</u>	<u>Root</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>
<u>3</u>	<u>Face</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>
<u>4</u>	<u>Root</u>	<u>QW 462.3(b)</u>	<u>Acceptable</u>

Test Conducted By IFR Engineering Test No. 008-13 Date 05-14-01

We certify that the statements in this record are correct and that the test welds were prepared, welded and tested in accordance with the requirements of Section IX of the ASME Code.

By:  Date: 5-14-01