

12/18/91 - CONVERSATION W/ BOB SALO AT SQUIRY CONCERNING

E-BEAM WELDING

- ESTIMATE THE USE OF RESURFACED MATERIAL
- 4140 WILL REQUIRE PRE HEATING AS WELL AS POST HT.
- DIFFICULT JOINT TO WELD
- WILL REVIEW SAMPLE WITH INDIVIDUALS AT SQUIRY
- TEL (708) 594-9212

FERRENTI SQUIRY

4915 WEST 67TH ST.

CHICAGO, IL 60638

12/19/91 - BOB SALO -

- WELD JOINT DOES NOT LEAD ITSELF TO E-BEAM WELDING
- SHOULD HAVE FILLER MATERIAL APPLIED (E. ARC WELD)
- NOT HAVE EFFECT AT BEGINNING OF WELD
- EQUIPMENT COST APPROX \$100K FOR SYSTEM TO PREHEAT AND POST HEAT
- RECOMMEND HARD WELD MACHINE WITH BATCH LOADING
- SUGGESTED INVESTIGATING ARE WELDING OR POSSIBLY LASER WELDING LASER WELD ALTHO LONG FOR LESS EQUIPMENT COST AND MAY PRODUCE SUFFICIENT WELD
- CONT. REFINISHING FOR POSSIBLE LASER ENHANCEMENT