

## S E R V I C E N O T E

SUPERSEDES: None

**HP 5DX Series II Structural Process Test System****High Voltage Subsystem Error****Situation:**

During installation, Ramping up the High Voltage Subsystem an Error message is generated. The Error Reads "excessive leakage current" and a value of the leakage current. Note: This message normally appears during "startup"

**Solution:**

From the User's Interface "quit 5dx interface".

1. Ramp the high voltage up to 160kv. Cathode current 0. Use xrayon -zero or hvxray -s.  
Note: Use a slow voltage rampup.
2. Run the hvxray menu and note the "total current" window. This value should be approximately 47-49 uA. This reading will also fluctuate. Use the average reading.
3. Exit the menu.
4. Select the "calib" Dir.
5. Edit the "cxobj.cfg" file. Page down and locate the section heading [hvxr].
6. Find the line "NominalLeakageTotalCurrent-- xxx
7. Change the xxx value to the average value noted in from the hvxray menu total current window.
8. Save the change and exit the file. From the cmd prompt type "xrayoff". Type "xrayon" and verify the error message does not appear.

DATE: November 1997

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

AUTHOR:

ENTITY:

ADDITIONAL INFORMATION:

KDP

0980