## DCCT Test Results for DCCT S/N: DCCT-M-A-0031

**Overall Test Status: Passed!** 

Technician: Kevin Mandracchia, Life #: 25337

Test performed: 03/21/25, 04:05 PM

Raw Serial Number/Sticker Data: DCCT-M-A-0031-22211030010-BZ22020399-HBA22170012-225010 31049-BZ22481917-HBA22170016-CTP-6303-50-A

## FLT12 Fault Signal 1 and 2 Test Results

| Test                         | Value   | Status |
|------------------------------|---------|--------|
| FLT12 Overall Testing        | N/A     | Pass   |
| FLT12 Positive Assertion     | N/A     | Pass   |
| FLT12 Negative Assertion     | N/A     | Pass   |
| FLT12 De-Assertion           | N/A     | Pass   |
| FLT12 Initial Voltage        | 14.77 V | Pass   |
| FLT12 Positive Fault Voltage | -0.00 V | Pass   |
| FLT12 Negative Fault Voltage | -0.00 V | Pass   |

Pass/Fail Threshold Voltage for FLT12 Initial Voltage: >14.3V Pass/Fail Threshold Voltage for FLT12 Fault Voltage: <1V FLT12 Fault testing carried out with +/-1A current through DCCT

Test Current for IOUT Measurement: +/-10A at 10Hz Sinusoidal (20Vpp sine into Kepco current control input)

## Sinusoidal Current Test Results

| Test                           | Value            | Status |
|--------------------------------|------------------|--------|
| CT Measurement Overall Testing | N/A              | Pass   |
| Channel 1 Voltage Threshold    | 0.52Vpp          | Pass   |
| Channel 2 Voltage Threshold    | 0.52Vpp          | Pass   |
| Channel 3 Voltage Threshold    | 21.6Vpp          | Pass   |
| Frequency and Phase            | 10.5 Hz, 179.93° | Pass   |

## **Current Test Waveforms**

ALSu DCCT Test Data

