CHANGE 2

In the replaceable parts list, add CR11, diode, HP P/N 1901-0033. On the schematic diagram, CR11 is added across the two input pins of U11. The anode of CR11 is connected to the non-inverting input of U11 (pin3) and the cathode of CR11 is connected to the inverting input of U11 (pin 2).

CHANGE 3

In the replaceable parts list, page 6-6 change Q21 to HP P/N 1854-1017, NPN.

CHANGE 4

In the replaceable parts list, page 6-6, under Rear Heatsink-Electrical change Q11 to power,NPN, Si, HP P/N 1854-0072. Note Q11 was changed back to 1854-0072 due to availability.

MANUAL CHANGES

Model 6235A Triple Output Power Supply
Manual HP P/N 06235-90001
Change Date 6/27/89

Make all corrections in the manual according to errata below, then check the following table for your power supply serial number and enter any listed change(s) in the manual.

SERIAL		MAKE CHANGES
Prefix	Number	
All	---	Errata
1812A	00201-01800	1
2005A	01801-05600	1,2
2445A	05601-05770	1-3
2450A	05771-up	1-4

ERRATA

On the title page, change serial number appearing in the title and associated notes to "1802A-00101."

Add the following to the end of Table 1-1 "The Model 6235A is C.S.A. certified for laboratory equipment".

On page 5-7, paragraph 5-42, change the grease specified in step c from "silicon grease (Dow DC-5 or HP 8500-0059)" to "Heat Sink Compound No. 100 American Oil Co., P/N PQC2471 (HP 6040-0415)."

In the replaceable parts list, page 6-5, change R28 to 0.1%, 3%, HP P/N 0811- 3470.

In the replaceable parts list, page 6-6, change HP P/N of heat dissipator (U1) to 1205-0095. Delete references in Section 1, Accessories and Section II, Rack Mounting to the 14522A Rack Mounting Tray.

On page 7-1, component locations diagram: Change reference designation of resistor located between CR6 and U12 form "R9" to "R19." Reference designation of component located between C2 and C3 is "R2".

On schematic, connect U1 pin 1 (test point 1) to ISOURCE transistor within the U1 Voltage Reg. I.C. Also change C13 to 180 uF, 50 V.

CHANGE 1

The following changes were made to reduce turn-off overshoot at maximum specified operating temperature and maximum specified series pass transistor leakage current.

Make the following changes to the parts list and schematic:

R5: Change to 42.2 k, 1/8 W, 10%, HP P/N 0698-3450

R15: Change to 680 ohm, 1/4 W, 5%, HP P/N 0683-6815.

R17: Change to 6.8 k, 1/2 W, 5%, HP P/N 0686-6825.

C21: Change to 6300 uF/400 uF, 35 V, HP P/N 0180-2894 (on schematic change value of C21A to 400 uF).

C23: Change to 200 uF/1000 uF, 50 V, P/N 0180-2907 (C23A and C23B values on schematic are correct).

Q11: Change to 2N6261, HP P/N to 1854-0738.

Make the following additions to the parts list and the schematic.

R38: fxd, comp, 4.7 k, 1/4 W, 5%, HP P/N 0683-4725. Connect R38 between collector and emitter of transistor Q2.

R39: fxd, comp. 2 k, 1/4 W, 5%, HP P/N 0683-2025. Connect R39 between +6 V output terminal and COM.

CR17: Diode, silicon, HP P/N 1901-0327. Connect R38 between collector and emitter of transistor Q2.

The anode of CR17 is connected to the emitter of Q11 and the cathode of CR17 is connected junction of CR16 and R15.

On page 7-1, component locations diagram, position the new components as follows: CR17: Between CR16 and U2 (R15 is now located between CR16 and CR6). R38: Directly below C1. R39: To the immediate left of CR25.