ENGINEERING CHANGE ORDER

Center for Astrophysics & Space Astronomy
University of Colorado, Boulder

ECO No.		**COS-055**	
Date	January 22, 2001		
Sheet	1	**of**	2

Drawing Title	Drawing No.	Revision Letter		Special Distribution
		Current	**New**	
OP-01	COS-01-0001	7	8	
				Stop Production Now
				❑ Yes
				❑ No

Description of Change:

1. Page 79 (Revision 7) - Last Sentence of the Third Paragraph:
"HV Max values must be set after the transition from FUVOper to FUVHVLow, since the values are cleared during the transition from FUVOper to FUVHVLow."

Update: This is no longer true. This sentence should be deleted.

2. Page 84 (Revision 7) - Note before subsection 4.1.4.5:
"IMPORTANT: Based on the design of the OS, this task does not run uniformly. There could be a 200ms gap over a 1000ms time range due to the way the Housekeeping Task works."

Update: This is no longer true. This note should be removed. (FYI: The current limit task samples HVI and AUXI values every ~4 ms. There are no gaps in execution of this task. The task runs whenever HVPWR is on.)

3. Page 87 (Revision 7) - Last Sentence in Item 1):
"The HV current limit that triggers the shutdown is usually set at TBD, just above the nominal operating HV current."

Reason for Change:	Disposition/Effectivity				
	To Comply With ECO				
Corrections to FUV Detector Operations	Use As Is				
(OP-01 - Section 4.1) due to updated Flight	Rework To ECO				
Software.					
	Scrap And Rebuild				
	Record change Only				
	Other (See Above)				

Prepared By: J. Morse	Date 1/22/2001	CCB Required ❑Approved ❑Yes ❑No ❑Not Approved
Design Engr	Date	
Project Engr (EE)	Date	❑Class I / Immediate Incorporation
Project Engr (ME)	Date	❑Class II ❑Yes ❑No
QA Mgr	Date	Completion
Project Mgr	Date	Date
Sponsor	Date	

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				Stop Production Now
				❑ Yes
				❑ No

Update: Remove the sentence. The HVI value is given in Table 4.1-1, and should not be duplicated here. Furthermore, it is NOT set just above nominal operating HV current.

4. Page 82 (Rev 7), Table 4.1-1, LFRILIM entry:

Update: - 3rd column, change "MICROAMPS" to "MILLIAMPS".
       - 4th column, change "150" to "235 Nom/OD"