Attachment I
BYE-69320-66

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Definition of the Sensor Subsystem
Configuration for the Purposes of
the Evaluation

The basis for the evaluation of the two sensor proposals was the content of the proposals as modified by the material furnished in the Contractor briefing in Los Angeles on August 2 and 3. Both of these briefings furnished information which added to the detail contained in the proposals. There were in addition a few changes to the proposed configurations and performance estimates made by the Contractors. These included:

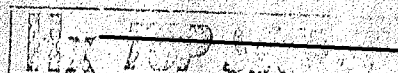
A. For the P-E system, an addition was made to the focus error budget of a term representing a 10% uncertainty in thermal expansion coefficients of the metering rods.

B. For the Itek system, revised data were presented for the estimated electrical power consumption for thermal control. In addition, Itek made two specific changes in the configuration originally proposed. These were:

1. The addition of a disc brake caging mechanism for the panning mirror to eliminate "hot caging" of the mirror during non-operate periods.

2. The addition of gimballed steering rollers to lead the film on and off the translating drum.

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