

**CONFIDENTIAL**

NPIC/P&DS/D/6-799  
17 February 1966

Declass Review by NGA.

MEMORANDUM FOR THE RECORD

SUBJECT: Contract [redacted]

1. In conference 28 January 1966 between [redacted]

25X

[redacted]  
[redacted]

of this office, it was agreed that the following would be the immediate or interim objectives of this project: (1) that the long range objectives would remain as stated in the contract, but (2) effort for the current contract period would be concentrated on attaining the below stated interim goals:

- a. A neutral gray flexible film of 4x5 inch sheet size having a D maximum of 2.0 density and a D minimum of 0.10. The minimum density to be nearly uniform across the visible spectrum.
- b. High contrast resolution to be 200 line pairs per mm.
- c. Latitude to include at least eleven steps of a twenty-one step gray scale step tablet.
- d. Speed or sensitivity of the material to light to be such that a fully exposed target may be obtained in not more than 30 seconds with a maximum power of not more than 1100 watts, preferably approaching the ultra-violet end of the spectrum.
- e. Contrast control should be the equivalent of photographic gamma of 1.0 to 2.0.
- f. Storage - It is desirable that the material have the capability of one years storage prior to exposure and at least six months storage after exposure and fixing without undue loss of image.
- g. Fixing time should be as short as possible but not over one minute.
- h. The image should suffer no appreciable degradation during normal methods of use such as in viewers and by projection.

25X

[redacted]

Contract Monitor

**CONFIDENTIAL**

**GROUP 1**  
Excluded from automatic  
downgrading and  
declassification