

A-84-019
8-2

~~CONFIDENTIAL~~ UNCLASSIFIED

RECEIVED

March 14, 1955

6-D

7/7/86

To: All Concerned FEB 16 1999

From: K. T. Bainbridge OSTI

PUBLICLY RELEASABLE
LANL Classification Group

Subject: Photographic Service and Control of Photographic Records at Trinity

Arrangements have been made by J. E. Mack's group for a mobile photo-processing and loading laboratory in a K-35 trailer for general project use at Trinity. In addition, the western private house at the base camp is being converted to an optics laboratory, negative reading room and file room. The set-up for the photographic service and control of photographic records at Trinity as written up by J. E. Mack is given below. It is flexible enough as covered in the last paragraph of his memorandum so that if any group leader wishes to have control of his own records that is perfectly possible and acceptable to Mack. In the long run it will probably prove more satisfactory, judging from past experience, to have negatives and paper records kept by his organization in the fireproof safe which will be provided in the camp building No. 1.

Attention is called particularly to Mack's request for notification prior to April 1 for possible demands for any other shapes of films or papers than those listed on the first page of his memorandum (see below).

K. T. BAINBRIDGE

"1. Photographic Service: We shall have photographic service available at Trinity continuously, starting March 15. The service will be in the direct charge of T/5 Ernest D. Wallis. All general matters concerning photographic policy should be taken up with J. E. Mack, but everything concerning specific photographs should ordinarily be handled directly with Wallis. Wallis will be equipped with the following cameras for taking pictures:

- 4" x 5" Speed Graphic with photoflash bulb
- Contax
- 16 mm Bell & Howell turret movie camera for 50" magazines
- 35 mm Mitchell movie camera

"He will be prepared to process the following shapes of negative material:

- 2" wide paper, any length up to 5'
- 6" wide paper, any length
- 4" x 5" film
- 20" x 40" film
- 7" film, any length
- 9-1/2" film, any length
- 16 mm film, any length up to 100'
- 35 mm film, any length up to 100'

FINAL DETERMINATION
UNCLASSIFIED
L. M. Redman
OCT 24, 1980
OK [Signature] 7/7/86

"The various group leaders should notify J. E. Mack before April 1 if it is necessary to prepare for any other shapes which might introduce special problems, e.g., 2" wide paper in lengths over 5'.

~~CONFIDENTIAL~~

UNCLASSIFIED

3262301

~~CONFIDENTIAL~~

I have just learned that the optical lab is to be located in the Gamma Building darkroom at Trinity. This will be a valuable addition to the laboratory facilities for general use. I believe that this will be a most appropriate place for the general stockroom organization; so, unless I hear from you about it, we shall not plan to carry negative materials to the groups other than our own.

The policy and the different kinds of processing available will correspond approximately to what is available in our group darkroom in Gamma Building. 4" x 5" and miniature size still Kodachrome and 16 mm Kodachrome movie-taking service will be available, but we intend to send all color work out for processing unless there is a demand for prompt processing, in which case we can set up for space color film processing. We also intend to send out for processing all newsreel work. The probable delay entailed by sending out our color and newsreel work is expected to be of the order of two or three weeks.

2. Control of Photographic Records: Because of the relatively primitive living and working conditions necessary at such a site as Trinity, combined with the importance and degree of classification of the photographic records that will be handled there, I propose to set up a system of control whereby the responsibility for the safekeeping of photographic records and for the control of all of the printing from each negative will be centralized, with the exception of possible instances in which responsible people outside the optics group may wish to assume these responsibilities.

The proposal in detail, based on suggestions made by Pvt. Harold C. Barr, is below:

Unless arrangements are made otherwise, as noted in the last paragraph of this memorandum, the following rules shall apply to all Trinity photographic records:

Every photographic negative and every exposed but undeveloped film or plate that is turned over to the photographic service department will remain in the custody of the photographic service department for the duration of the Trinity test. Negatives will not be lent out except in cases where objective readings must be made on the negative rather than on a positive, and, in case such readings are to be made, they will be made in the reading room of the optics laboratory ranch house, Camp Building No. 1. All negatives that are not photographically good and all that are irrelevant will be disposed of by burning as soon as permission for the burning is obtained from the person who submitted them. The remaining negatives will be numbered before being printed. One contact print from each negative will be mounted on the envelope which will be the permanent container of the negative, except in the case of long strips (including motion picture film) of which no such file print will be made. The prints made in addition to the file print are to be listed in a permanent record book by date, number of prints, size of prints, and person to whom delivered. All negatives, when not in the laboratory for processing or issued to the reading room, will be kept in a fireproof safe. An exception to this procedure occurs in the case of material sent away for processing. Two kinds of material may be processed away from Trinity:

1. Certain material requiring sensitometric control or other extraordinary precautions in development may be sent to our darkroom in Gamma Building.
2. Color work and newsreel work may be sent to a commercial processing company.

~~CONFIDENTIAL~~

2323022622

~~CONFIDENTIAL~~

UNCLASSIFIED

... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

J. B. Mack

2262-2303

~~CONFIDENTIAL~~

UNCLASSIFIED