

19 JAN 1955

SUBJECT: Airfoam Tests on Fire Protection, POL Bulk Storage Facilities

**TO: Resident Engineer
Corps of Engineers, U S Army
APO 733, U S Army**

1. Reference is made to letter from this office to the Alaskan Air Command dated 14 January 1955, subject as above, copy of which is inclosed.
2. Your office is authorized to make the necessary arrangements with available contractors and the Big Delta ATC to assemble the material and equipment necessary to prepare that portion of the airfoam test as outlined in Sheet 3 of 3 of the inclosure to the above-referenced letter.
3. It is understood that sufficient 6-inch steel pipe is not available for the entire 1400 feet of line required for the tests. However, 6-inch pipe, as available, should be installed at the discharge end of the test line and adequate substitution of a pipe of a diameter not less than five inches made to complete the installation.
4. Arrangements should be made for at least one 500-ampere welding machine, or equivalent, to be available during test periods for thawing frozen lines.
5. Arrangements with contractors for use of equipment and material should include a written agreement pertaining to adjustments to be made in case of loss or damage.
6. Thermometer and pressure gauges are on requisition by this office. Information pertaining to installation will be made available as soon as shipment is confirmed.
7. Messrs. Jack and Joe Lukes will be available for welding and fabricating of pipe work and fittings. Arrangements should be made for additional help during fabrication.
8. Pipe work and fittings necessary for utility connections should be determined on basis of the site selected for tests.
9. This office should be immediately informed of any delays encountered in this project.

WPAVG-0

SUBJECT: Airfoam Tests on Fire Protection, PCL Bulk Storage Facilities

10. Your office is requested to provide assistance during the running of these tests.

11. Any expenditure incurred in connection with this project will be charged to account No. 90-24. Your office will not exceed expenditures in excess of \$1,000 without prior approval of this office.

BY ORDER OF THE DISTRICT ENGINEER:

1 Incl
Ltr to AAC dtd 14 Jan 55

W. L. WINEGAR 025506
Colonel, CE
Assistant District Engineer

ENGR
Trimble
George
EXECO
Eardley
Winegar
M&R

cc Engr, Alas Gen
Spiley Mr. King
Mr. Kreitlow

JKT/sg
18 Jan 55

COORD
CONSTR, Mr. Prescott cc

19 JAN 1955

SUBJECT: Airfoam Tests on Fire Protection, PGL Bulk Storage Facilities

**TO: Resident Engineer ALCANSO
Corps of Engineers, U S Army
Ladd AFB, Alaska**

1. Reference is made to letter from this office to the Alaskan Air Command dated 14 January 1955, subject as above, copy of which is inclosed.
2. In furtherance of tests described in referenced letter, your office is authorized to make the necessary arrangements with available contractors, the Ladd Resident Engineer, and the Ladd Air Force Base ID to obtain materials and equipment necessary to fabricate the airfoam test system as outlined in the above-referenced correspondence.
3. The exact site of tests at Ladd Air Force Base will be given this office by the Alaskan Air Command. The proper authorities to be contacted at Ladd Air Force Base in regard to this installation will be furnished as soon as available.
4. It is expected that proper clearance will have been obtained and the site location made firm by 1 February 1955. In the meantime, it is desirable that material be assembled and prefabricated to the maximum extent.
5. Sufficient 3-inch steel pipe is understood to be available from Contract No. DA-95-607-eng-569. Arrangements should be made with the Resident Engineer, Ladd for use of this pipe. However, if this pipe is unsuitable, this office has been advised that Mr. Tom Nelson of the Canal System has sufficient 3-inch steel pipe located at approximately seventeen miles from Fairbanks on the Einarsson Highway. Mr. Howard Shore of the Canal System at Ladd has been notified by the Headquarters, United States Army, Alaska that this office has permission to use this pipe if necessary, and any arrangements should be made through him.
6. Arrangements with contractors for use of equipment or material should include a written agreement pertaining to adjustments to be made in case of loss or damage.
7. Arrangements should be made for at least one 500-ampere welding machine, or equivalent, to be available during test periods for thawing frozen lines.
8. Thermometer and pressure gauges are on requisition by this office. Information pertaining to installation will be made available as soon as shipment is confirmed.

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SUBJECT: Airfoam Tests on Fire Protection, POL Bulk Storage Facilities

9. Messrs. Jack and Joe Dukes will be available for welding and fabricating of pipe work and fittings. Arrangements should be made with the Resident Engineer, Ladd for additional necessary help for this fabricating.

10. Pipe work and fittings necessary for connection to the water pump and foam proportioning unit and the utilidor connections will have to be determined when equipment and test location are assigned.

11. Your office is requested to furnish personnel as necessary to aid in the conduction of these tests.

12. Any expenditure incurred in connection with this project will be charged to account No. 90-24. Your office will not exceed expenditures in excess of \$1,000 without prior approval of this office.

BY ORDER OF THE DISTRICT ENGINEER:

ENGR
Trimble
George
EXECO
Hardley
Winegar
M-3

1 Incl
Ltr to AAC dtd 14 Jan 55

W. L. WINEGAR 025509
Colonel, CE
Assistant District Engineer

JKT/sg
13 Jan 55

cc Engr, Alas Gen
L. J. King Mr. King
Mr. Kreitlow

COORD
CONSTR, Mr. Prescott cc

HPAVG-G

19 JAN 1955

SUBJECT: Airfoam Tests on Fire Protection, POL Bulk Storage Facilities

TO: Commanding General
United States Army, Alaska
APO 949, U S Army

1. Reference is made to discussion between Mr. Buskirk of your headquarters and Captain Trimble of this office regarding proposed airfoam tests.

2. Reference is also made to letter from this office to the Alaskan Air Command dated 14 January 1955, subject as above, copy of which was furnished your headquarters.

3. It is requested that your headquarters participate in the airfoam tests outlined in the above-referenced letter, to be conducted at Ladd Air Force Base, and also that permission be granted to conduct the tests also described in the above-referenced letter at Big Delta ATC.

FOR THE DISTRICT ENGINEER:

cc RE, ALCANCO
RE, Big Delta
Engr, Alas Gen
Mr. King
Mr. Breitlow

W. L. WINEGAR 025508
Colonel, CE
Assistant District Engineer

ENGR
Trimble
George
EXECO
Eardley
Winegar
M&R

COORD
CONST, Mr. Prescott cc

JKT/sg
18 Jan 55