

NPAEM-FM

1 August 1968

SUBJECT: Recommended Condition Survey of the Haines-Fairbanks POL Pipeline

Commanding Officer  
USARAL Support Command  
ATTN: ARCL-F  
APO 98749

1. Reference our letter dated 28 June 1968, subject: Condition Study of the Haines-Fairbanks POL Pipeline.
2. In view of a recently completed inspection of the POL pipeline from Haines to Tok and of current field findings, it is recommended that excessively corroded line now existing between Haines, Alaska and the border, Blanchard River and Junction, Destruction Bay and Beaver Creek, Fort Greely and Fairbanks be determined by AMF Tuboscope examination.
3. We believe that in the above sections of line, the major portion of the line is in excellent condition. It is also believed that small but critical areas, such as one located at Mile Post 256 + 100, contains sufficient deteriorated pipe to warrant protection at the earliest possible date. Tuboscope has indicated that, based on observed line, no operational problems to their instrumentation exist. The survey recommended to be conducted by Tuboscope will cover 75 percent of the circumference of the pipeline in one operation, rather than the quarter section of the pipeline originally contained in reference letter by three operations.
4. As shown on the inclosed cost estimate, the proposed contract price is slightly less, and the overhead cost has been reduced. These prices are still subject to negotiation.
5. Samples of Haines-Fairbanks Pipeline sections of both American and English made pipe have been forwarded to AMF Tuboscope, Houston, Texas, to enable them to calibrate instruments prior to use in the system. It is anticipated that a major portion of the pipeline that is badly corroded will be discovered by this inspection. No other method of inspecting the line without uncovering

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all buried portions of the line is known to exist at the present time. The method of inspection utilized by Tuboscope is relatively old and proved; however, the use of a pig to instrument the inside of the line is only approximately four years old. It has been successfully used on similar major pipeline installations in the other states.

*LDH signed*

1 Incl  
as

FOR E. L. HARDIN, JR.  
Colonel, Corps of Engineers  
District Engineer

1 Aug 68

ENGR  
Olson  
PEAR  
George  
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