

Elimination of Flame Arrestors - Preventative  
Measure to Avoid POL Tank Collapses - Alaska and Canada

Chief,  
Engineering Division

NPAVB

24 Jan 55

NWK/381  
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1. Reference Disposition Form from your office, subject as above, dated 19 January 1955.
2. During a recent trip to the Seattle Branch Office the undersigned visited the Mukilteo POL Tank Farm which is an Air Force installation operated by Home Oil Company.
3. Mr. J. H. Waters, manager, brought to my attention several deficiencies that appeared to be valuable information in POL tank farm design.
  - a. They are installing GE lead heating cables with automatic light indicators on all vent pipes. This is to prevent collapse or bursting during filling or unloading operations.
  - b. Mr. Waters pointed out one tank where the king ring did not extend sufficiently below grade and as a result the entire tank settled approximately 6 inches. It has been necessary to abandon the tank until necessary repairs can be made.
  - c. In and around the truck loading racks where there was considerable spillage of fuel, the asphalt paving has been surface treated with cement paint. This appeared to be very satisfactory, with no softening of the pavement or pocketing in over a year's usage.

WARDIE W. KING  
Chief, Safety Branch

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