



**DEPARTMENT OF THE ARMY**  
**NORTH PACIFIC DIVISION, CORPS OF ENGINEERS**  
 210 CUSTOM HOUSE  
 PORTLAND, OREGON 97209

NPDOP

12 July 1972

Regulation  
 No. 1125-2-304

Plant  
 MAINTENANCE, OPERATIONS AND REPAIR

1. Purpose. This regulation prescribes the policies and delegated authorities to the District Engineers for the operation and repair of civil works Revolving Fund and project-owned plant, including all floating plant, land plant, buildings and other major structures.
2. Applicability. This regulation applies to all elements of the North Pacific Division and NPD Districts.
3. Reference. ER 1125-2-304. All paragraph numbers quoted below refer to this ER unless otherwise indicated.
4. Floating Plant.
  - a. Inspection. Paragraph 5a.
    - (1) The inspection and certification of all floating plant will be in accordance with the provisions of this paragraph.
    - (2) When floating plant is acquired by transfer or purchase for permanent assignment to remote areas where modification to the plant would be difficult or costly to accomplish, the inspection and formal certification of such plant based on service at the remote area will be completed before shipment.
  - b. Maintenance and Repairs.
    - (1) Paragraph 5b(4)(c). The annual evaluation for repairs to non-group floating plant will be completed by January of current fiscal year. A copy of all ENG Forms 1475 approved within the district for both non-group and group plant will be furnished NPD for information and review.
    - (2) Paragraph 5b(4)(d). Copies of all approved ENG Form 22 (Costs) and ENG Form 2438, or revision thereof, will also be furnished NPDOP-NA.
    - (3) Paragraph 5b(4)(e). District Engineers will issue instructions for adapting ENG Form 1475 for use in connection with repair estimates for group plant.

This Regulation supersedes NPDR 1125-2-304, dated 12 December 1969.

(4) Paragraph 5b(4)(g). Districts will report through NPD any repair or addition and betterment item of work accomplished which would significantly improve the efficiency of existing plant or the design of future plant applicable to other districts.

c. Operation.

(1) Paragraph 5c(4). Licensing procedures for uninspected self-propelled floating plant up to and including 65 feet in length will be established by districts in accordance with guidance contained in ER 1125-2-304, NPDR 385-1-20 and other referenced regulations.

(2) Paragraph 5c(8). In order to obtain maximum hopper dredging efficiency, the operational procedures prescribed in ER 1125-2-312 must be strictly followed. In this connection procedures shall be established to insure that all persons involved in the operation, supervision and scheduling of hopper dredges understand and are thoroughly familiar with the contents of the regulation. The data and reports required by this regulation will reflect accurately the performance of hopper dredges. Although some latitude may be necessary, any major departure from the reporting instructions contained in this ER will be reported through NPD.

(3) Paragraph 5d(2)(e). District Engineers may authorize the flying of a pennant on major floating plant to denote the presence of the Division Engineer or District Engineer aboard such vessel.

(4) Paragraph 5d(2)(g). Safety flags will be flown from floating plant in accordance with the following:

(a) Hopper dredges, pipeline dredges and other floating plant over 75 feet in length will fly the safety flag to denote outstanding safety performance. The following criteria will apply: Upon completion of two months without a lost time personnel injury or a property loss or damage. Property loss or damage accidents which are the result of action by others (boat or ship running into a properly lighted and located pipeline, unusual wave action damage aboard a dredge, etc.) will not be considered in determining eligibility to fly the safety flag.

(b) On floating plant less than 75 feet, District Engineers may authorize the flying of safety flags after completion of one year without an accident.

5. Delegations. Paragraph 7. District Engineers are delegated the following authorities for repairs and replacement of Revolving Fund-owned plant.

a. Non-Group Plant. Paragraph 7c(2)(a). All repairs to non-group plant if the total cost is not more than 25% or \$25,000 (whichever is less) of the amount shown on the current approved ENG Form 22 (Costs) and if within the Division Engineer's authority.

b. Group Plant. Paragraph 7c(2)(b). All repairs to group plant if the total cost is not more than 25% or \$5,000 (whichever is less) of the amount shown on the current approved total annual group repair cost for the Plant Record Card - Grouped Items (ENG Form 2438).

c. Emergency. Paragraph 7c(2)(c). Emergency repairs to all floating and land plant when the cost is \$10,000 or less; however, if total cost of repairs and replacement of any item of non-group plant for any one emergency is greater than 30% of the total cost of the plant or \$25,000 whichever is the larger amount, a letter of justification for repairs in lieu of replacement or rehabilitation will be submitted through NPD.

6. Authority for Repairs - Project-Owned Plant. District Engineers are delegated the following authorities for repairs and replacement of project-owned plant: All repairs to project-owned plant if within the amount shown on the current approved PB 4a. Whenever the total estimated cost of repairs and replacements during any fiscal year is over 15% of the estimated replacement value or \$30,000, a letter of justification for repairs will be submitted to NPD.

FOR THE DIVISION ENGINEER:

  
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