

Guam Power Authority

Standard Operation Procedure

Title/Description: Oil Spill Containment, Clean Up and Reporting
Procedure No.: SOP-050
Effective Date: February 16, 2024
Supersedes: SOP-050 dated 05/02/2012
Procedure Owner: Planning and Regulatory

Prepared by: Norbert Madrazo 2/16/2024
Norbert M. Madrazo, Engineer Supervisor (Env'I)

Reviewed by: Sylvia L. Ipanag 2/16/2024
Sylvia L. Ipanag, Environmental Manager

Concurred by: John J. Cruz, JR. 2/16/2024
John J. Cruz, JR., P.E., AGM – Engineering and Technical Services

Approved by: for John M. Benavente 2/16/2024
John M. Benavente, P.E., GENERAL MANAGER

Purpose

The purpose of this SOP is to establish the proper procedures for responding to oil spills, clean-up procedures, and reporting.

Scope

This procedure covers oil spills at all GPA Facilities.

Terminology, glossary, or definitions

Oil Spill - An oil spill is the release of liquid raw/natural petroleum hydrocarbons into the environment, especially into the sea.

Responsibilities

All operations personnel at the Power Plants are responsible for this procedure.

Procedure

CLEAN UP SHOULD BE CARRIED OUT PROMPTLY AFTER AN OIL SPILL OR DISCHARGE IS DETECTED. IF COMMERCIAL ASSISTANCE IS NEEDED FOR EMERGENCY RESPONSE OR CLEAN UP REFER TO Table "Oil Spill Notification Contacts" [Exhibit 5]. SAFETY FOR ALL PERSONNEL SHALL BE THE FIRST PRIORITY.

- a) Locate the source of the oil spill and stop it as quickly as reasonably possible by closing valves, shutting down pumps, plugging leaks, or other appropriate methods.
- b) Contain spreading or moving oil before concentrating on other efforts. If very little has reached water, for example, but more is draining towards water, concentrate on blocking oil. On-site conditions dictate proper actions. On-site supervisors should ensure proper actions are taken.
- c) Oil spills on land consisting of puddles or pools of oil are picked up by pumps or buckets and loaded into tanks or tank trucks for delivery as directed by the Oil Spill Control Officer. Remaining oil-contaminated earth is removed by hand shovels or construction equipment and loaded into drum containers for disposal at an approved waste oil disposal site.
- d) Disposal:
 - i) Oil saturated earth, absorbent pads, shall be deposited in drums with adequate cover to prevent storm water contamination and overflow. Disposal shall be made as per GEPA approval.
 - ii) Liquid oil waste consisting of oil or oil and water will be transferred to the oil/water separator at Cabras Power Plant per the instruction of the Oil Spill Control Officer.
- e) Reporting:

An Oil Spill Incident Report form is filled up and submitted to Planning and Regulatory. This is normally filled up by the person who discovered the spill or their supervisor[Exhibit 4].
- f) Also attached for reference is the "Oil Spill Response Procedures" [Exhibit 1-3].

Reference

Oil Pollution Prevention (40 CFR Part 112): Establishes procedures, methods, equipment, and other requirements to prevent the discharge of oil from non-transportation – related onshore and offshore facilities into or upon the navigable waters of the United States.

Exhibit 1**Oil Spill Response Procedures**

Remember ***Safety First !***

Never put oil spill before
your personal safety

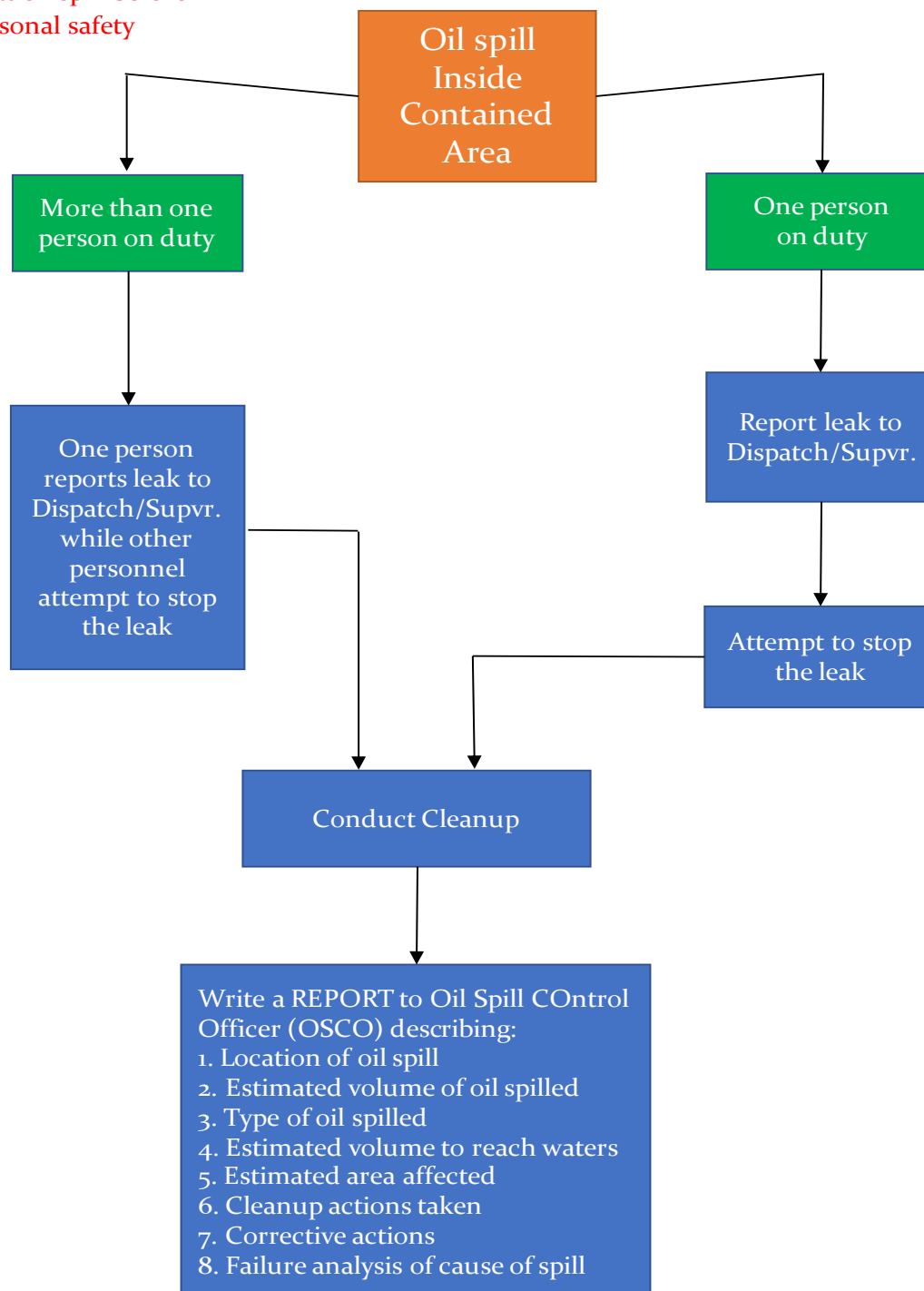


Exhibit 2

Oil Spill Response Procedures

Remember ***Safety First!***
Never put oil spill before
your personal safety

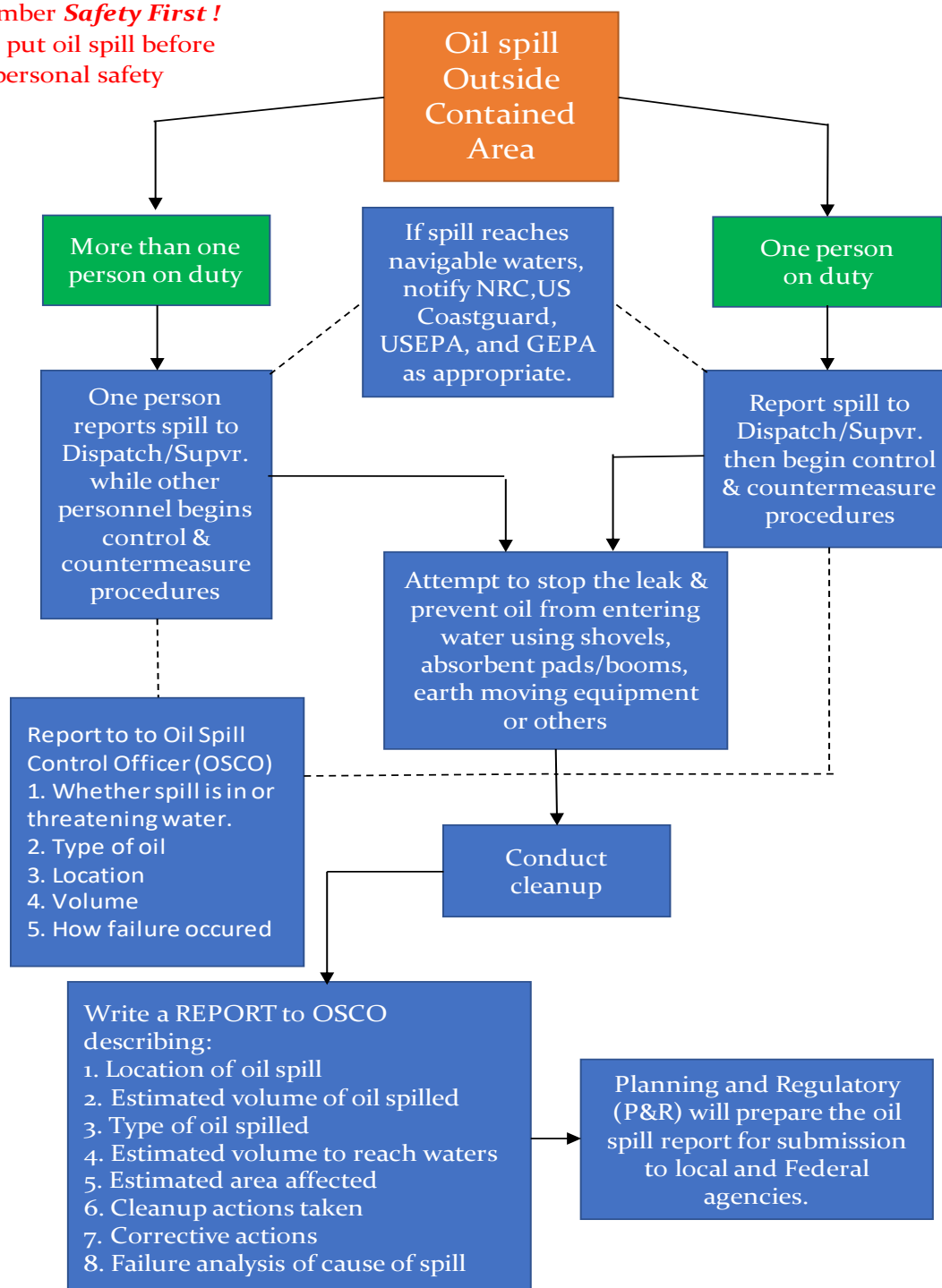


Exhibit 3**Oil Spill Response Procedures**

Remember ***Safety First!***
Never put oil spill before
your personal safety

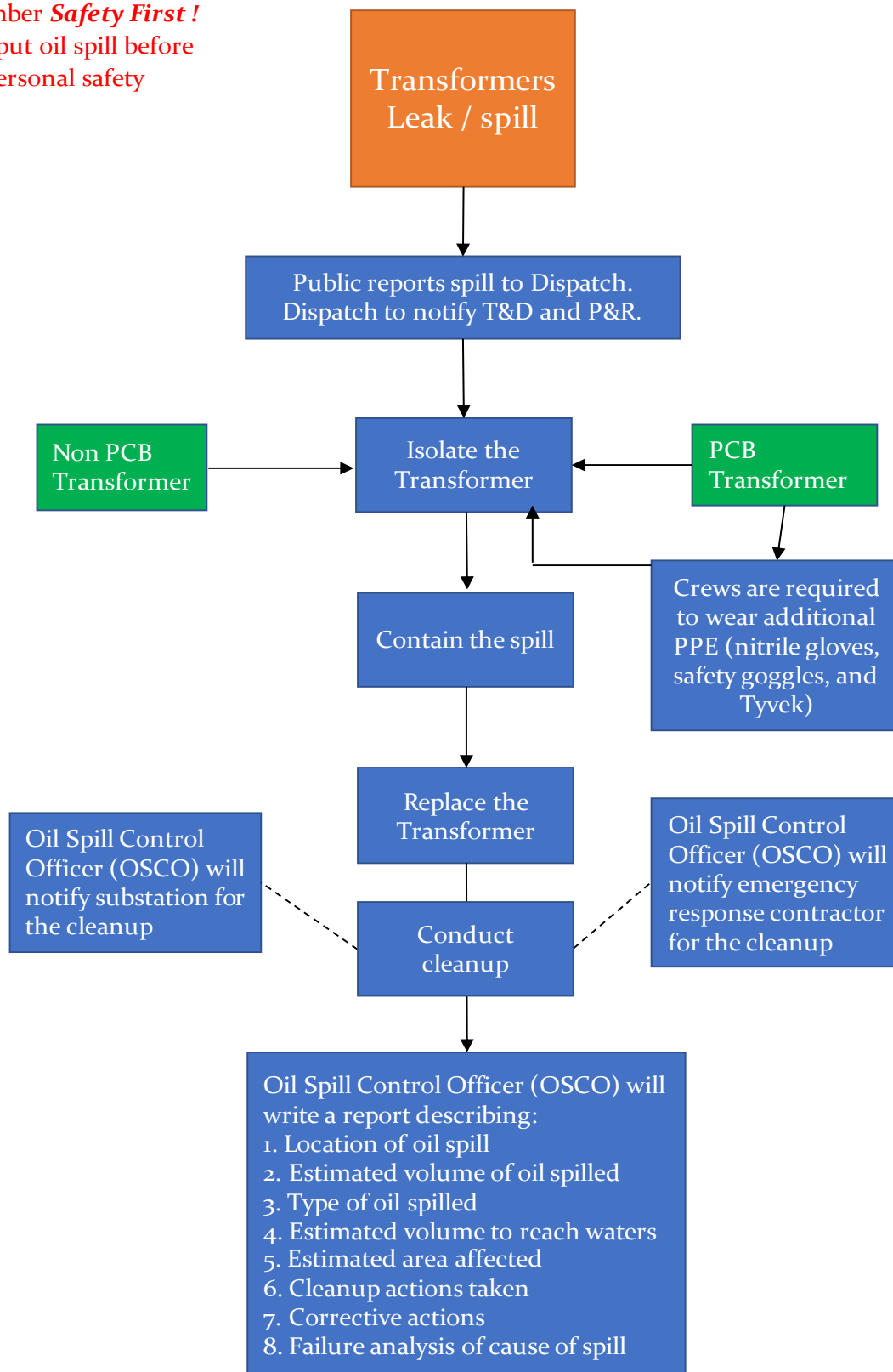


Exhibit 4



GUAM POWER AUTHORITY

ATURIDÂT ILEKTRESEDÂT GUÅHAN
P.O.BOX 2977 • HAGÂTÑA, GUAM U.S.A. 96932-2977

OIL SPILL INCIDENT REPORT FORM

SPILL DATE: _____

DATE OF REPORT: _____

LOCATION OF SPILL: _____

VOLUME OF OIL SPILLED: _____

INDIVIDUAL WHO DISCOVERED THE SPILL: _____

TYPE OF OIL SPILLED: _____

ESTIMATED VOLUME TO REACH WATERS: _____

ESTIMATED AREA AFFECTED: _____

CLEANUP ACTIONS TAKEN: _____

CORRECTIVE ACTIONS AND COUNTERMEASURES TAKEN TO STOP SPILL: _____

FAILURE ANALYSIS OF CAUSE OF SPILL: _____

MEASURES NECESSARY TO PREVENT RECURRENCE: _____

GOVERNMENT AGENCIES CONTACTED: _____

REMARKS: _____

REPORT PREPARED BY: _____ DATE: _____

Exhibit 5

OIL SPILL NOTIFICATION CONTACTS

- 1) **Contact DISPATCH to initiate notification procedures** (671) 475-1472/75
 - 2) **DISPATCH will then proceed to contact one person from (a) and (b):**
 - (a) Oil Spill Control Officer Norbert Madrazo (671) 648-3031 (671) 788-2990
 - 1st Alternate Marvin Poliarco (671) 648-3032 (671) 689-6696
 - 2nd Alternate Noel C Cruz (671) 648-3030 (671) 685-9955
 - 3rd Alternate Lorina C Sabangan (671) 648-3022 (671) 788-9810
 - (b) Manager of Generation Ronald C Okada (671) 475-5212

****note: If you can't contact the Oil Spill Control Officer or Alternates, call the appropriate Manager or Superintendent listed below:**
 - 2) **The Oil Spill Control Officer will call:**
 Environmental Manager: Ms. Sylvia L. Ipanag. (671) 648-3217 (671) 689-1317
 - 3) **In the event of an uncontrolled spill to water or shoreline,**
 the oil spill control officer or management personnel will call:
 1. U.S Coast Guard Guam Emergency (671) 564-8742 or 355-4905
 2. Guam Environmental Protection Agency (671) 475-1658/59 or
 After office hour (671) 635-9500
 3. National Response Center 1(800)-424-8802
- Cabras Power Plant**
- Francis Cruz (671) 475-5245 (671) 777-4108
 Alternates: John Reyes (Shift Supervisor) (671) 475-5249/3045 (671) 683-5329
- Dededo, Macheche, and Yigo Combustion Turbines**
- Jeam Diaz (671) 300-8304 (671) 685-9379
 Justine Benavente (671) 300-8308 (671) 727-7348
- Talofofo, Manenggon, and Tenjo Vista Diesel**
- Peter Blas (671) 300-8310-14 (671) 977-0369
 Tony Crisostomo (671) 300-0780 (671) 828-1595
 Gus Gumataotao (671) 300-8310-14 (671) 787-9192
- Dededo Substation/Transformer Storage**
- Jerald Taitano (671) 635-2016 (671) 888-5309
 Vincent Sahagon (671) 635-2040 (671) 888-7327
- Tamuning Vehicle Maintenance Facility**
- Raymond Borja (671) 300-8320 (671) 682-2229
 Frank Taitague (671) 300-8319 (671) 487-0515
 Jason Halmi (671) 300-8319
- Water System Diesel**
- Wayne Fernandez (671) 475-5243-4 (671) 734-3466
 Raul Concepcion (671) 475-5244 (671) 488-2823
 Mark Bato (671) 475-5244 (671) 687-8142
- The following numbers are provided for reference:**
- Fire 911
 Police 911
 Guam Memorial Hospital (671) 647-2330 or (671) 647-2552
 Naval Hospital (671) 344-9340