

P980

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Type of Project: Modify Existing Approved PAR

PAR Request Date: 12-Oct-2010

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Status: Modification to a Previously Approved PAR for the Revision of a Standard

Root PAR: P980 **Approved on:** 06-Dec-2006

Root Project: 980-1994

1.1 Project Number: P980

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: Guide for Containment and Control of Oil Spills in Substations

3.1 Working Group: Containment and Control of Oil Spills in Substations (PE/SUB/SCE0-WGE2)

Contact Information for Working Group Chair

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None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Substations (PE/SUB)

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 10/2012

4.3 Projected Completion Date for Submittal to RevCom: 10/2013

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2 Scope: This guide discusses the significance of oil spillage in electric supply substations; identifies the sources of oil spills; discusses typical designs and methods for dealing with oil containment and control of oil spills; and provides guidelines for preparation of a typical spill prevention, control and mitigation plan. This guide applies only to non-polychlorinated biphenyl (non-PCB) insulating oil.

It is not the intent of this guide to interpret governmental regulations or the applicability of the oil-containment systems presented with respect to compliance to those regulations. Interpretation is left to each individual user.

Old Scope: This guide discusses the significance of oil spillage regulations and their applicability to electric supply substations; identifies the sources of oil spills; discusses typical designs and methods for dealing with oil containment and control of oil spills and provides guidelines for preparation of a typical Spill Prevention Control and Countermeasure (SPCC) plan. This guide applies only to insulating oil containing less than 50 ppm of PCBs, which is considered to be non-PCB oil. This guide excludes polychlorinated biphenyl (PCB) handling and disposal considerations. It is not the intent of this guide to interpret the applicability of governmental regulations or the oil containment systems presented. Such interpretation is left to each individual user. The guide is intended to identify concerns, offer solutions and let users make their own evaluations.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: Containment, control and mitigation of oil spills are a concern for owners and operators of electric supply substations.

Old Purpose: Containment and control of oil spills at electric supply substations is a concern for most electric utilities. The

The environmental impact of oil spills and their mitigation is regulated by governmental agencies, necessitating increased attention in substations to the need for secondary oil containment. Beyond the threat to the environment, mitigation costs associated with oil spills continue to escalate, and the adverse community response to any spill is becoming increasingly unacceptable. This guide identifies some governmental regulations, sources of oil spills, and typical methods and plans to contain, control and mitigate them.

(Definition: "Oil" includes mineral oil and alternative insulating fluids)

environmental impact of oil spills and their cleanup is governed by several federal, state and local regulations necessitating increased attention on substations to the need for secondary oil containment and a SPCC plan. Beyond the threat to the environment, cleanup costs associated with oil spills continue to escalate and the adverse community response to any spill is becoming increasingly unacceptable. This guide identifies the applicable governmental regulations, the sources of oil spills and the typical methods used to contain and control them. It discusses the need for a SPCC plan and provides the typical plan requirements.

5.5 Need for the Project: The standard published in 1994 was reaffirmed in 2001. this revision is required to update the standard with the latest technological developments in the area of containment and control of oil spills in substations

5.6 Stakeholders for the Standard: Stakeholders are : engineering companies, utilities, manufacturers, asset managers, environmental agencies

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

7.3 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: No

b. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): The scope and purpose were revised by the Working Group for simplification and clarification reasons.