This report presents results needed to further understand the impact of vibrations of power transformer tanks caused by geomagnetically induced currents (GIC). Such vibrations have the potential to affect the durability of power transformer tanks and may cause operational issues for power systems. The study involved analyzing existing literature and conducting experiments to better understand the phenomenon.

Scope/Applicability (a)
This report is applicable to power system engineers, researchers, and stakeholders interested in understanding the impact of GIC on power transformer tanks.

Validation (c)
The validation of the study's findings was supported by an extensive review of existing literature and experimental data. The report includes a discussion of the limitations of the research and suggests avenues for future research.

Notes
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