

一起主变差动电流中性线误接线隐患分析 【上架时间： 2023-03-30】



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详细信息

【标题】一起主变差动电流中性线误接线隐患分析

【Title】Analysis of main transformer differential trip caused by electric welding

【摘要】在主变保护装置定检、二次回路检查中，发现主变差动电流二次回路中性线误接线，存在主变差动保护误动作重大隐患，并通过采取有限措施消除该隐患。保护设备检修、新安装或电流互感器回路有较大变动时对电流二次回路规范性检查是继电保护工作人员的重要检查项目，消除因二次电流回路接线错误导致保护误动作隐患，最后总结提出继电保护人员在运行维护中需要遵守的工作规范以及防范该类似事件发生的具体措施。

【Abstract】During the fixed inspection of the main transformer protection device and the inspection of the secondary circuit, it was found that the neutral wire of the secondary circuit of the differential current of the main transformer was miswired, and there was a major hidden danger of misoperation of the main transformer differential protection, which was eliminated by taking limited measures. Normative inspection of the current secondary circuit is an important inspection item for relay protection workers when the protection equipment is overhauled, newly installed or the current transformer circuit changes greatly. To eliminate the hidden trouble of protection misoperation caused by the wrong wiring of the secondary current circuit, finally, it summarizes and puts forward the working norms that relay protection workers need to abide by in operation and maintenance and the specific measures to prevent this similar incident.

【关键词】差动保护；电流二次回路中性线；隐患；主变差动误动作；验收。

【Keywords】Differential protection; Neutral line of current secondary circuit; Hidden danger; Main transformer differential misoperation; Acceptance.

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