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**STANDARDS BRANCH
- Power Division**

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SUBJECT: BYPASSING OF VOLTAGE REGULATORS

An exposure of 11KV voltage regulator resulting in one fatality and one person seriously injured has made it necessary to highlight the procedures to be followed when bypassing voltage regulators.

1. All tap position indicators shall be in zero position.
2. All neutral light indicators shall be "on".

MALFUNCTION OF ANY ONE OF THESE INDICATIONS MEANS THAT THE BYPASS CANNOT BE CLOSED SAFELY. With this condition the feeder should be :-

- de-energised
- load and source ABS's and load source links opened.
- by pass ABS closed
- feeder re-energised

A sign shall be placed adjacent to the by pass ABS at all regulator sites stating:-

DANGER DO NOT OPERATE THIS SWITCH UNLESS:

1. ALL TAP INDICATORS ARE INDICATING ZERO.
2. ALL NEUTRAL LIGHTS ARE "ON".

This instruction should be read in conjunction with OTM V/1.1/1. 22KV voltage regulators.

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