



Check list incident report

Replacing ALL99003.doc

ALL13002en.docx

CST1-Litzkendorf

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General information	
Operator: _____	Date: _____
Contact: _____	
E-mail address: _____	Phone number: _____
Substation	
Operating site: _____	
Address: _____	

Transformer data	
Note: Please mark accordingly <input checked="" type="checkbox"/>	
Manufacturer: _____	serial number / designation: _____
Application: Network <input type="checkbox"/> power station <input type="checkbox"/> furnace <input type="checkbox"/> electrolysis <input type="checkbox"/> rectifier <input type="checkbox"/>	
Phase shifter <input type="checkbox"/> HVDC <input type="checkbox"/> other: _____	
Nominal power: _____ [MVA]	nominal voltage: _____ [kV] nominal current: _____ [A]
Load: _____ [%]	Vector group: _____
On-load tap-changer in intermediate circuit: yes <input type="checkbox"/> no <input type="checkbox"/>	
Neutral-point treatment: insulated <input type="checkbox"/> direct <input type="checkbox"/> resonant earthing <input type="checkbox"/>	
Commissioning date: _____	

On-load tap-changer data	
Type: _____	serial number: _____
Current number of tap-change operations: _____	
Last on-load tap-changer maintenance date: _____	No. of tap-change operations: _____
Maintenance by MR: yes <input type="checkbox"/> no <input type="checkbox"/>	
<i>Is an oil filter unit installed?</i>	yes <input type="checkbox"/> no <input type="checkbox"/>

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Protective devices of the on-load tap-changer – continued

Indicate design of the oil systems of transformer and on-load tap-changer

Combined separate

How are the oil conservators (transformer tank / oil compartment of on-load tap-changer) connected to atmosphere?

Hermetically sealed transformer

Silicagel breather (e.g., maintenance-free dehydrating breather MTrab[®])

Network and substation data

Network Primary voltage: cable overhead line other: _____

Secondary voltage: cable overhead line other: _____

Switchgear Primary voltage: conventional GIS² other: _____

Secondary voltage: conventional GIS other: _____

Circuit breaker Primary voltage: SF6³ vacuum compressed air other: _____

Secondary voltage: SF6 vacuum compressed air other: _____

Surge arrester design: SiC⁴ ZnO⁵ response voltage: _____ [kV]

Surge arrester arrangement: Phase-ground phase-phase

Other

Were irregularities detected on on-load tap-changer or transformer before the incident occurred?

Yes no If yes, which and when?

Are further circumstances known such as switching operations in the network or in the substation at the time of the incident, or possibly lightning stroke, short circuit etc.?

Yes no If yes, which and when?

Which steps were taken after the incident (e.g., mechanical tap-change operations, replacement of diverter switch insert etc.)?

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² GIS means gas-insulated switchgear

³ SF6 means sulfur hexafluoride

⁴ SiC means silicon carbide

⁵ ZnO means zinc oxide

