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**Oskarshamn Nuclear Power Plant - Addendum to TBM edition 7.0 - Removal of the limitation of max number of repairs in CS-materials**

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# 1 Background

In TBM edition 7 chapter 3.3.10 there is a limitation regarding max number of repairs of welds as follows: *One single weld in equipment with operation temperature above 100°C must not undergo more than three local repairs with a distance of less than 50 mm between the repairs. In the case where additional repairs are required, the entire weld to be cut, new weld bevels to be prepared where the entire heat affected zone (HAZ) shall be removed.*

There is no limit to the type of base material without this requirement will be applicable for all welding seams of any material quality. The purpose of this requirement is to reduce the risk of IGSCC in waterborne reactor systems of SS-materials. For CS-materials this limitation is not needed.

In TBM edition 5 were this limitation only for SS materials but has been changed in later editions of unclear reason.

# 2 Aim

Adjust level of requirements regarding repairs of welded joints to the correct level.

# 3 Conclusion

For OKG applies that the limitation of the maximum number of repairs to welds only valid for SS-materials for waterborne systems with operating temperatures above 100 ° C.

For CS-materials are no limitation as described above.