

## **Comment to the 10 CFR 50.46 LOCA Acceptance Criteria**

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### **ABSTRACT**

The paper contains a comment to the current Acceptance Criteria that are soon going to be revised with the aim to cover high burnup and advanced alloys. Discussed are the following topics:

- a) Ability of the oxidized guide tubes (PWR fuel assembly) to survive the post-LOCA core defueling.
- b) Methods applicable for establishing the cladding oxidation (& hydridation) limit that would prevent loss of fuel rod geometry during and after a LOCA. Included are both the material and the engineering aspects.