

IAPWS Certified Research Need
ICRN #22

Steam Chemistry in the Turbine Phase-Transition Zone

ICRN Issue Date: July 2010

Closure Document

In consideration that the sponsors are not longer active in IAPWS, and the subject is covered in an IAPWS Technical Guidance Document, the Working Group on Power Cycle Chemistry recommended at the 2025 annual meeting a closing statement.

Background:

This ICRN was first issued in 2010 by researchers from the Czech Republic and from the United Kingdom. Existing knowledge was summarized for practical application in the IAPWS Technical Guidance Document TGD #5-15 “Steam Purity for Turbine Operation”. No major basic research has since then been done on the subject.