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Report on proposed Editorial Changes on the Revised Supplementary Release on Backward Equations for Specific Volume as a Function of Pressure and Temperature v(p,T)for Region 3 of the IAPWS Industrial Formulation 1997 for the Thermodynamic Properties of Water and Steam

Background:

- O7/13/2016: Request from Dr. Peter Franz from Mighty River Power (hydroelectric and geothermal power plant operator in New Zealand):
 - Implemented the IAPWS backward equations for v(p,T) into a reservoir simulator
 - Found that the simulation got stuck in a small area around the critical point
 - Plotted a diagram to visualize the problem ...









Editorial Changes

The International Association for the Properties of Water and Steam

Moscow, Russia June 2014

Revised Supplementary Release on Backward Equations for Specific Volume as a Function of Pressure and Temperature v(p,T) for Region 3 of the IAPWS Industrial Formulation 1997 for the Thermodynamic Properties of Water and Steam

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Thank you for your attention!