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EJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

EJ/T 1167-2018

Metallographic examination of resistance spot welding of PWR fuel assembly guide tube and grid

压水堆燃料组件导向管与格架电阻点焊的金相检验

(English Translation)

Issued on: December 28, 2018 **Implemented on: March 1, 2019**

Issued by: State Administration of Science, Technology and Industry for National Defense

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1 Foreword

EJ/T 1167-2018 was issued by State Administration of Science, Technology and Industry for National Defense on 28 December 2018 and has been in force since 1 March 2019.

This is a draft translation for reference among interesting stakeholders. The finalized translation (passing through draft translation, self-check, revision and verification) will be delivered upon being ordered.

2 Scope

This standard specifies the equipment and materials, sample preparation, inspection methods, records, and reports for metallographic examination of resistance spot welding joints between guide tubes and grids for PWR fuel assemblies. This standard applies to metallographic examination of resistance spot welding samples of stainless steel guide tubes to nickel-based alloy grids, as well as zirconium alloy guide tubes to zirconium alloy grids for PWR fuel assemblies.

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3 About this standard

Sector: Nuclear Industry Standard (Recommended)

Issued by: State Administration of Science, Technology and Industry for National Defense

English translation: about 15 pages (approximate)

4 Classification and status

Chinese Standard Classification (CCS): F 48

Prefix EJ/T: recommended standard.

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