



## ABSTRACT FOR

SYMPOSIUM ON RECYCLING OF METALS ARISING FROM OPERATION  
AND DECOMMISSIONING OF NUCLEAR FACILITIES,  
APRIL 8-10, 2014 AT STUDSVIK

### **GAINED EXPERIENCES CONCERNING THE TREATMENT OF RADIOACTIVE METAL SCRAP FROM GERMAN NPP'S IN STUDSVIK**

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The company Gesellschaft für Nuklear-Service mbH, Essen/Germany (GNS), operates on behalf of the utilities E.ON, RWE, EnBW and VENE since the nineteen-nineties - amongst its other duties - on the waste management of metal scrap which originates from German nuclear power plants. The main objective within this responsibility is to maximize the value of recyclable fractions for re-use while minimizing the resulting radioactive waste.

To achieve the aforementioned objective, melting of metallic scrap proved to be an outstanding choice. The use of this technique combined with all accompanying processes and regulations is accepted by the competent authorities and independent experts as a qualified treatment method over the entire time period. The motivation of this paper is to reflect on the experiences gained concerning the planning, implementation and results, acquired by GNS by using the Studsvik service. The focus will be on characteristics within processing of such campaigns.