



GNS Gesellschaft für Nuklear-Service mbH · Postfach 10 12 53 · 45012 Essen

Document Control Desk  
Director, Division of Fuel Management  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001  
USA

Our reference: T1213-CO-00018  
Contact person: Dominik Bussmann  
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Email: dominik.bussmann@gns.de  
Date: 04/21/2023

**Subject:** 10 CFR 72 Application of the CASTOR® geo69 Dry Storage System - Submission of revised SAR (Docket No. 72-1052; EPID No. L-2021-NEW-0006)

In the scope of the above mentioned applications the following nonproprietary documents were submitted to the NRC

- T1213-SR-00002, Rev. 0 (submitted as Enclosure 3 to letter T1213-00009 dated June 7<sup>th</sup> 2021)
- T1213-SR-00002, Rev. 1 (submitted as Enclosure 3 to letter T1213-00014 dated December 21<sup>th</sup> 2022)

In the course of the review it was noticed that removal of proprietary content was not applied sufficiently on some pages of the above mentioned documents. We hereby kindly ask you to replace the above mentioned document by the corrected ones which are enclosed to this letter and sincerely apologize for any inconvenience caused. An affidavit pursuant to 10 CFR 2.390 providing the basis for withholding GNS proprietary information from public disclosure is also enclosed to this letter.

Due to the demand for international customers, GNS requests the approval until the end of 2023.

In case of any questions please do not hesitate to contact us.

Sincerely,  
GNS Gesellschaft für Nuklear-Service mbH

NM5520  
NM5526  
NM55

Enclosure 1: Affidavit pursuant to 10 CFR 2.390  
Enclosure 2: T1213-SR-00002, Rev. 0 Non-Proprietary Version (1 folder chapter 1-4, 1 folder chapter 5-14)  
Enclosure 3: T1213-SR-00002, Rev. 1 Non-Proprietary Version (1 folder chapter 1-3, 1 folder chapter 4-14)

**GNS Gesellschaft für Nuklear-Service mbH**

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Bayerische Landesbank Düsseldorf  
IBAN DE56 7005 0000 0004 3662 43, BIC BYLADEMM  
Deutsche Bank AG, Essen  
IBAN DE28 3607 0050 0151 7804 00, BIC DEUTDE33XXX

USt-IdNr. DE 171892160, Steuer-Nr. 111/5714/1234  
Chairman of the Supervisory Board: Dr. Guido Knott  
Managing Directors:  
Georg Büth  
Daniel Oehr (Chairman)  
Dr.-Ing. Jens Schröder

**AFFIDAVIT**

**PURSUANT TO 10 CFR 2.390**

I, Dr.-Ing. Rainer NÖRING, depose and say that I am Divisional Director of Cask Projects of GNS Gesellschaft für Nuklear-Service mbH (a company duly organized under the German Law, having its seat at Frohnhauser Strasse 67, 45127 Essen, Germany), duly authorized to execute this affidavit.

I, Dr.-Ing. Sascha KLAPPERT, depose and say that I am Divisional Director of Engineering of GNS Gesellschaft für Nuklear-Service mbH (a company duly organized under the German Law, having its seat at Frohnhauser Strasse 67, 45127 Essen, Germany), duly authorized to execute this affidavit.

We, Dr.-Ing. Rainer NÖRING and Dr.-Ing. Sascha KLAPPERT, have reviewed or caused to have reviewed the information which is identified as confidential and referenced in the paragraph below. We are submitting this affidavit in conformance with the provisions of 10 CFR 2.390 of the Commission's regulations for withholding this information.

The information sought to be withheld from public disclosure is contained in the following documents:

Transport Package CASTOR® geo69 Application:

- Enclosure 2 of letter T1213-CO-00005, dated 01/14/2021  
✓ 1014-SR-00001, Rev. 0 Safety Analysis Report Type B(U)-F Transport Package CASTOR® geo69
- Enclosure 1 of letter T1213-CO-00010, dated 07/02/2021  
Affidavit pursuant to 10 CFR 2.390 dated 06/24/2021
- Enclosure 2 of letter T1213-CO-00012, dated 08/25/2021  
2. Response on Request for supplemental information dated May 7 2021
- Enclosure 4 of letter T1213-CO-00012, dated 08/25/2021  
✓ 1014-SR-00001, Rev. 1 Safety Analysis Report Type B(U)-F Transport Package CASTOR® geo69
- Enclosure 2 of letter T1213-CO-00014, dated 03/02/2022  
✓ 1014-SR-00001, Rev. 2 Safety Analysis Report Type B(U)-F Transport Package CASTOR® geo69

Dry Storage System CASTOR® geo69 Application:

- Enclosure 2 of letter T1213-CO-00009, dated 06/07/2021  
✓ 1014-SR-00002, Rev. 0 Safety Analysis Report Dry Storage System CASTOR® geo69
- Enclosure 2 of letter T1213-CO-00014, dated 21/12/2022  
✓ 1014-SR-00002, Rev. 1 Safety Analysis Report Dry Storage System CASTOR® geo69

We have personal knowledge of the criteria and procedures utilized by GNS Gesellschaft für Nuklear-Service mbH in designating information as a proprietary trade secret, privileged or as confidential commercial or financial information.

Pursuant to the provisions of paragraph (b) (4) of Section 2.390 of the Commission's regulations, the following is furnished for consideration by the Commission in determining whether the

information sought to be withheld from public disclosure; included in the above referenced document, should be withheld.

- (1) The information sought to be withheld from public disclosure involves certain design details associated with the SAR analyses and SAR drawings of the CASTOR® geo69 design, which are owned and have been held in confidence by GNS Gesellschaft für Nuklear-Service mbH.
- (2) The information is of a type customarily held in confidence by GNS Gesellschaft für Nuklear-Service mbH and not customarily disclosed to the public. GNS Gesellschaft für Nuklear-Service mbH has a rational basis for determining the types of information customarily held in confidence by it.
- (3) The information is being transferred to the Commission in confidence under the provisions of 10 CFR 2.390 with the understanding that it is to be received in confidence by the Commission.
- (4) The information, to the best of our knowledge and belief, is not available in public sources, and any disclosure to third parties has been made pursuant to regulatory provisions or confidentiality agreements which provide for maintenance of the information in confidence.
- (5) Public disclosure of the information is likely to cause substantial harm to the competitive position of GNS Gesellschaft für Nuklear-Service mbH because:
  - (a) A similar product is manufactured and sold by competitors of GNS Gesellschaft für Nuklear-Service mbH.
  - (b) Development of this information by GNS Gesellschaft für Nuklear-Service mbH required expenditure of considerable resources. To the best of our knowledge and belief, a competitor would have to undergo similar expense in generating equivalent information.
  - (c) In order to acquire such information, a competitor would also require considerable time and inconvenience related to the development of a design and analysis of a cask for the dry storage and transport of spent nuclear fuel.
  - (d) The information required significant effort and expense to obtain the licensing approvals necessary for application of the information. Avoidance of this expense would decrease a competitor's cost in applying the information and marketing of the product to which the information is applicable.
  - (e) The information consists of design features, analyses methods and calculation results related to the design and analyses of a cask for the dry storage and transport of spent fuel, the application of which provide a competitive economic advantage. The availability of such information to competitors would enable them to modify their product to unfairly get a better competitive position with GNS Gesellschaft für Nuklear-Service mbH, take marketing or other actions to improve their product's position or impair the position of GNS Gesellschaft für Nuklear-Service mbH's product, while avoiding the expense of developing similar data and analyses in support of their processes, methods or apparatus.
  - (f) In pricing GNS Gesellschaft für Nuklear-Service mbH's products and services, significant research, development, engineering, analytical, licensing, quality assurance and other costs and expenses must be included. The ability of GNS Gesellschaft für Nuklear-Service mbH's competitors to utilize such information without similar expenditure of resources may enable them to sell at prices reflecting significantly lower costs.

Date: 18<sup>th</sup> April 2023



Dr.-Ing. Rainer NÖRING  
- Divisional Director of Cask Projects -

GNS Gesellschaft für  
Nuklear-Service mbH

Date: 18<sup>th</sup> April 2023



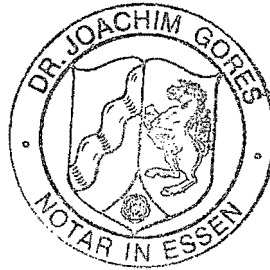
Dr.-Ing. Sascha KLAPPER  
- Divisional Director of Engineering -

GNS Gesellschaft für  
Nuklear-Service mbH

Subscribed and sworn to me before this 18<sup>th</sup> day of April, 2023.



Notary Public (Unterschrift des Notars)



Nummer GO-126 des Urkundenverzeichnisses für 2023  
Number GO-126 of Notary's List of Deeds for 2023

Die vorstehenden, heute vor mir gefertigten Namensunterschriften von

I herewith certify that the foregoing signatures today is given by

Dr.-Ing. Rainer Nöring, geb. am 27.11.1968, von Person bekannt,

Dr.-Ing. Rainer Nöring, born on 27.11.1968, of known identity,

und

and

Dr.-Ing. Sascha Klappert, geb. am 21.08.1972, von Person bekannt,

Dr.-Ing. Sascha Klappert, born on 21.08.1972, of known identity,

beide dienstansässig Frohnhauser Str. 67, 45127 Essen,

both with their business address at Frohnhauser Str. 67, 45127 Essen.

beglaubige ich hiermit.

Die Unterschriften wurden heute im Hause Frohnhauser Str. 67, 45127 Essen, geleistet.

The signatures were given today in Frohnhauser Str. 67, 45127 Essen.

Pflichtvermerk nach deutschem Recht:


Obligatory Statement according to German law:

Die Unterzeichner verneinten eine Vorbefassung im Sinne des § 3 Abs. 1 S. 1 Nr. 7 Beurkundungsgesetz, nachdem ihnen der Notar den Inhalt dieser Vorschrift erläutert hat.

According to Sec. 3 Para. 1 S. 1 No. 7 German Notarisation Law the Notary Public asked the appearers whether he or any member of his firm had acted in the matter which is the subject of this instrument, except in a notarial capacity. The appearers replied in the negative.

Essen, den 18. April 2023

Essen, April 18, 2023

  
(Dr. Gores)  
Notar  
Notary Public

# APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. **Country / Land:**  
Federal Republic of Germany / Bundesrepublik Deutschland

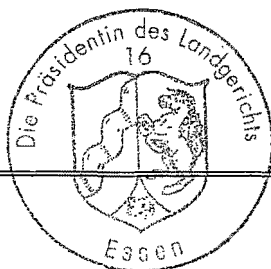
**This public document / Diese öffentliche Urkunde**

2. **has been signed by / ist unterschrieben von**  
Notary Public Dr. Joachim Gores / Notar Dr. Joachim Gores
3. **acting in the capacity of / in seiner Eigenschaft als**  
Notary Public in Essen / Notar in Essen
4. **bears the seal / sie ist versehen mit dem Siegel**  
of the Notary Public Dr. Joachim Gores in Essen / des Notars Dr. Joachim Gores in Essen

**Certified / Bestätigt**

5. **at / in** E s s e n                      6. **the / am** 21. April 2023
7. **by / durch**        the President of the Regional Court Essen /  
die Präsidentin des Landgerichts Essen
8. **No. / unter Nr.** 91 E 1 / *sdh 11/8/2023*

9. **Seal / Stamp    Siegel / Stempel:**



10. **Signature / Unterschrift:**

**In Vertretung**

*Kretschmer*

Kretschmer

Vizepräsident des Landgerichts