



ORDER
No. A 460
Sofia, 30.07.2021

Pursuant to Article 10, para.1, item 4 and Article 28, para.1 of the Act on the national accreditation of conformity assessment bodies and the respective item 4.3.7 of the Accreditation procedure BAS QR 2 in connection with the open procedure for reaccreditation with Registration No. 52/287 OKC/ПА/11.01.2021, On-site assessment Report Inc. No. 52/287 OKC/ПА/5/B/12.04.2021, Annex to Report (Section G-2) No. 52/287 OKC/8/B/08.07.2021 and Accreditation Commission statement, Inc. No. 52/287 OKC/9/B/19.07.2021, J hereby

REACCREDIT
KOZLODUY NPP EAD
INSPECTION BODY TYPE C
PERSONNEL DOSIMETRY CONTROL CENTRE

Address of headquarters and office: 3321 Kozloduy NPP site

To perform inspection according to the following scope:

Scope type: <i>fixed</i>					
No.	Inspection area	Inspection Type	Inspected parameter/ characteristic	Testing/ measurement methods used during inspection	Legislative acts, standards, specifications, diagrams
1	2	3	4	5	6
1.	The individual effective dose from external exposure, mSv, defined by measuring the individual dose equivalent (personal dose equivalent) – Hp(10), mSv using thermoluminescent dosimeter, worn on the chest.	Individual Dosimetry Control	Individual Effective Dose from external exposure, mSv	Methodology for performing individual thermoluminescent dosimetry control (ID No.КЦ.ПД.МТ.5 30/01 of 15 December 2007)	Regulation on radiation protection, art.11(1) (SG No.16/2018) Regulation No.32 on the conditions and procedure for conduct of individual dosimetric control of individuals, working with sources of ionising radiation, art.14 (1), item 2 (SG No. 91/2005) Technical Specifications

Scope type: <i>fixed</i>					
No.	Inspection area	Inspection Type	Inspected parameter/ characteristic	Testing/ measurement methods used during inspection	Legislative acts, standards, specifications, diagrams
1	2	3	4	5	6
2.	The individual committed effective dose of internal exposure under the in-vivo method including consequently: a) Gamma spectrometry measurement with a whole-body counter of the activity, incorporated within human body, Bq; b) Assessment of intake of radionuclides within human body using specialised software, Bq; c) Assessment of the individual committed effective dose of internal exposure using specialised software.	Individual Dosimetry Control	Individual Committed Effective Dose of internal exposure, mSv	Methodology for performing individual dosimetry control of internal exposure (ID No.КЦ.ПД.МТ.5 29/02 of 14 July 2009)	Regulation on radiation protection, art.11(1) (SG No.16/2018) Regulation No.32 on the conditions and procedure for conduct of individual dosimetry control of individuals, working with sources of ionising radiation, art.33 (1), item 2 (SG No. 91/2005) Technical Specifications

Regulation on Radiation Protection, adopted by Council of Ministers' Decree of 14 February 2018 (Promulgated, SG No. 16/2018; amended and supplemented, SG No. 110/2020);
Regulation No.32 on the conditions and procedure for conduct of individual dosimetry control of individuals, working with sources of ionising radiation, (Promulgated, SG No. 91/2005; amended and supplemented, SG No. 109/2020);
 Technical Specifications.

I ORDER

To be issued Certificate of Accreditation with registration No. 287 OKC of 30.07.2021, valid until 30 July 2025 and this order enclosed as an integral part thereof.

The Certificate of Accreditation with the enclosure shall be received by the Kozloduy NPP EAD Chief Executive Officer, by the Head of Inspection Body Type C, Personnel Dosimetry Control Centre, KOZLODUY NPP EAD, or other authorized representative in the office of the EA BAS.

Upon receipt of the issued certificate and its enclosure, the accredited person shall return to the EA BAS the originals of the Certificate of Accreditation, Registration No. 287 OKC of 29.08 2018, valid until 31.07.2021 and its enclosure, the order of the EA BAS No. A 300 of 29.08.2018.

This order shall be communicated to Kozloduy NPP EAD within a three-day (3) period as of its issue.

Dipl. Eng. IRENA BORISLAVOVA
 Executive Director
 of the EA Bulgarian Accreditation Service

