

## Explanatory Note

### ***EXPERT SUPPORT IN THE ASSESSMENT OF ALARMS AND ALERTS FOR NUCLEAR AND OTHER RADIOACTIVE MATERIAL OUT OF REGULATORY CONTROL (NST062)***

The draft text for review, entitled *Expert Support in the Assessment of Alarms and Alerts for Nuclear and Other Radioactive Material out of Regulatory Control*, was prepared as a draft Technical Guidance to be issued in the IAEA Nuclear Security Series and has already been reviewed through consultants' meetings as well as by the Nuclear Security Guidance Committee (NSGC).

The objective of this draft text, as accepted by the NSGC, is to provide detailed guidance to States on the role of expert support in the assessment of instrument alarms and information alerts for the detection of nuclear and other radioactive material out of regulatory control within the State and at State borders. The draft text demonstrates how expert support can aid with hazard determination and with locating and identifying the nuclear or other radioactive material responsible for an alarm or alert, and how expert support can provide competent authorities with advice to decide the outcome (i.e. adjudication) of the alarm or alert.

Comments are requested in relation to:

- Relevance and usefulness — Are the stated objectives appropriate, and are they met by the draft text?
- Scope and completeness — Is the stated scope appropriate, and is it adequately covered by the draft text?
- Quality and clarity — Does the guidance in the draft text represent the current consensus among specialists in the field, and is it expressed clearly and coherently?

Comments of an editorial nature will be considered; however, it should be noted that the draft text will be comprehensively edited by the IAEA Secretariat.

Any comments should be made in English, should refer to the relevant paragraph number in the draft text being reviewed, and should propose alternative text where appropriate. Please use the attached Form for Comments to record all comments.

The responsible IAEA officer is Mirza Mohamed of the Department of Nuclear Safety and Security, who may be contacted for further information in connection with this subject by telephone at: +43 1 2600 24575 or via email at: [M.Mohamed@iaea.org](mailto:M.Mohamed@iaea.org).

Any comments should be sent through the established official channels to the responsible IAEA officer by **14 December 2023**.

### Form for Comments

*Expert Support in the Assessment of Alarms and Alerts for Nuclear and Other Radioactive Material out of Regulatory Control (NST062)*

COMMENTS BY REVIEWER				RESOLUTION			
Reviewer: Country/Organization:		Page.... of... Date:					
CommentNo.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection