



*Atoms for Peace and Development*

الوكالة الدولية للطاقة الذرية  
国际原子能机构  
International Atomic Energy Agency  
Agence internationale de l'énergie atomique  
Международное агентство по атомной энергии  
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In reply please refer to: **EVT2204437**  
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The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Technical Meeting to Develop a Safety Report on the Safety Aspects of Ageing Management During Design, Construction and Commissioning of Nuclear Power Plants** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **18 to 20 April 2023**.

The purpose of the event is to collect Member States' experience in the regulation and implementation of nuclear safety aspects for ageing management in the design, construction and commissioning phases of nuclear power plants.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one participant to represent the Government at this event. Member States are strongly encouraged to identify women participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event. The application for financial support should be made at the time of designating the participant using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **24 February 2023** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Mr Gabor Tamas Petofi, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security (Email: [G.Petofi@iaea.org](mailto:G.Petofi@iaea.org)), and to the Administrative Secretary, Mr Michael Duron (Email: [M.Duron@iaea.org](mailto:M.Duron@iaea.org)). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once official designations have been received.

Should Governments wish, in addition, to appoint one or more observers to assist and advise the designated participants, they are kindly requested to inform the IAEA of the names and contact details of any such observers by the above date. In accordance with the established rules, Governments are expected to bear the cost of attendance of any observers they may send to IAEA events. Compensation is not payable by the IAEA for any damage to or loss of observers' personal property or for illness, injury or death occurring while travelling to or in connection with their attendance at IAEA events.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA's Member States the assurances of its highest consideration.



2022-11-24

Enclosures:            Information Sheet  
                              Participation Form (Form A)  
                              Grant Application Form (Form C)



**IAEA**

International Atomic Energy Agency

*Atoms for Peace and Development*

# **Technical Meeting on Developing a Safety Report on Safety Aspects of Ageing Management During Design, Construction and Commissioning of Nuclear Power Plants**

**IAEA Headquarters  
Vienna, Austria**

**18-20 April 2023**

**Ref. No.: EVT2204437**

## **Information Sheet**

### **Introduction**

According to the Specific Safety Requirements publication *Safety of Nuclear Power Plants: Design* (IAEA Safety Standards Series No. SSR-2/1 (Rev.1), Vienna, 2016), the design life of items important to safety at a nuclear power plant shall be determined. Appropriate margins shall be provided in the design to take due account of relevant mechanisms of ageing, neutron embrittlement and wear out and of the potential for age related degradation, to ensure the capability of items important to safety to perform their necessary safety functions throughout their design life. The design for a nuclear power plant shall take due account of ageing and wear out effects in all operational states for which a component is credited, including testing, maintenance, maintenance outages, plant states during a postulated initiating event and plant states following a postulated initiating event.

According to the Specific Safety Requirements publication *Safety of Nuclear Power Plants: Commissioning and Operation* (IAEA Safety Standards Series No. SSR-2/2 (Rev.1), Vienna, 2016) the operating and maintenance procedures shall be validated to the extent practicable as part of the commissioning programme, the commissioning programme shall be sufficiently comprehensive as to provide reference data to characterize structures, systems and components and such reference data shall be retained.

Specific Safety Guide publication *Ageing Management and Development of a Programme for Long Term Operation of Nuclear Power Plants* (IAEA Safety Standards Series No. SSG-48, Vienna, 2018)

contains systematic but not detailed recommendations on ageing management during design, construction and commissioning phases.

There are several Specific Safety Guides 'that address the design of certain components of nuclear power plants (IAEA Safety Standards Series No. SSG-34, No. SSG-39, No. SSG-53, No. SSG-56, No. SSG-62, No. SSG-64) also including some ageing management aspects, but there is no safety standard or other technical document that systematically and comprehensively summarizes the general and specific considerations.

Specific Safety Guide publication *Commissioning for Nuclear Power Plants* (IAEA Safety Standards Series No. SSG-28, Vienna, 2014) and Specific Safety Guide publication *Construction for Nuclear Power Plants* (IAEA Safety Standards Series No. SSG-38, Vienna, 2015) do not contain detailed information regarding ageing management.

## **Objectives**

The meeting has the following primary objectives:

- To share lessons learned in ageing management during design, construction and commissioning;
- To collect Member States' experience and information concerning regulation and implementation of ageing management in the design, construction and commissioning phases of nuclear power plants;
- To discuss the annotated table of contents of a Safety Report on Safety Aspects of Ageing Management During Design, Construction and Commissioning of Nuclear Power Plants;
- To collect Member States' suggestions for the improvement of the contents of the relevant IAEA Safety Standard Series No. SSG-48 in terms of design, construction and commissioning.

## **Target Audience**

Participation is solicited from staff members of regulatory bodies, nuclear power plant operators, utility organizations, design and engineering consultant organizations, as well as from international organizations engaged in activities related to nuclear power plant safety and regulation. To ensure maximum effectiveness in the exchange of information, participants should be persons actively involved in the subject of the meeting.

The meeting is, in principle, open to all officially designated persons. The IAEA, however, reserves the right to restrict participation due to limitations imposed by the available facilities. It is, therefore, recommended that interested persons take the necessary steps for the official designation as early as possible.

## **Working Language(s)**

English

## Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **24 February 2023**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. The IAEA may also use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate.

## Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made using the **Grant Application Form (Form C)** which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **24 February 2023**.

## Venue

The event will be held at the Vienna International Centre (VIC) where the IAEA's Headquarters are located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:

<https://www.iaea.org/events>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

## Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

## IAEA Contacts

### Scientific Secretary

#### Mr. Gabor Petofi

Division of Nuclear Installation Safety  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
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AUSTRIA

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Email: [G.Petofi@iaea.org](mailto:G.Petofi@iaea.org)

### Administrative Secretary

#### Mr. Michael Duron

Division of Nuclear Installation Safety  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
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Email: [M.Duron@iaea.org](mailto:M.Duron@iaea.org)

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary and correspondence on other matters related to the event to the Administrative Secretary.

## Event Web Page

Please visit the following IAEA web page regularly for new information regarding this event:  
[www.iaea.org/events/EVT2204437](http://www.iaea.org/events/EVT2204437)

# Participation Form

## Technical Meeting to Develop a Safety Report on the Safety Aspects of Ageing Management During Design, Construction and Commissioning of Nuclear Power Plants

**IAEA Headquarters, Vienna, Austria**

**18 to 20 April 2023**

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary, Mr Gabor Tamas Petofi, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security (Email: [G.Petofi@iaea.org](mailto:G.Petofi@iaea.org)) and to the Administrative Secretary, Mr Michael Duron, (Email: [M.Duron@iaea.org](mailto:M.Duron@iaea.org)).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

**Deadline for receipt by IAEA through official channels: 24 February 2023**

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
If/as applicable:		
Do you intend to submit a paper?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Would you prefer to present your paper as a poster?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Title:		

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.





# Grant Application Form

## Technical Meeting to Develop a Safety Report on the Safety Aspects of Ageing Management During Design, Construction and Commissioning of Nuclear Power Plants

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**Deadline for receipt by IAEA through official channels: 24 February 2023**

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/mm/dd):	Nationality:	

### 1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

### 2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years attended	
			from	to

**3. Description of work performed over the last three years:**

**4. Institute's/Member State's programme in field of event:**

**Date:** \_\_\_\_\_ **Signature of applicant:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Name, signature and stamp of Ministry of Foreign Affairs,  
Permanent Mission to the IAEA or National Atomic Energy  
Authority**

\_\_\_\_\_