

SCRAM REDUCTION WORKSHOP

14th to 16th January 2025, Almaraz NPP, Spain

The Workshop will be organised by WANO Paris Centre together with Almaraz NPP, Spain

Background

Every reactor trip presents a demand on the reactor protection, safe shutdown and cool down systems. The initiating event and underlying causes often include equipment failures, organisational weaknesses and human errors that have the potential to result in more significant events if they had occurred in conjunction with other failures or if the fault sequence continued further. Effective SCRAM prevention is therefore an important activity required to maintain nuclear safety margins. Global long-term trend of total number of scrams (automatic and manual) is improving, but still lacks of sustainability. Equipment Reliability remains the first PO&C area related to Scrams with more than 50% associated events.

Topics

Topics proposed to be discussed during the workshop are based on WANO Paris Centre (WPC) fleet analysis and latest SCRAM update. They are as follows:

- Single point vulnerabilities mitigation strategies (grid faults or disturbances, conditional SPV's)
- Preventive maintenance strategies focused on high risk components (SPV's, quality of spare parts, oversight and supervision of the maintenance activities)
- Focus on work activities to reduce SCRAMS (Identification of high-risk activities, HU prevention tools, peer support, adherence to procedures, quality of procedures)

Objectives of the Workshop

This workshop explores approaches, organisations and practices to reduce scrams with the aim to support plants in either bridging that gap and achieving performance improvement.

Through sharing information, as well as member testimonies, it should be the objective of each delegate to take away from the workshop at least one improvement technique or practice that they will implement at their own station.

Breakout sessions

Breakout sessions will be used to allow time for structured interaction with colleagues and to permit problem-solving techniques to be applied to real life situations.

Each working group will be invited to develop lessons learned and to present them to all attendees.

Target group

The workshop is open for all WANO PC members. Participants will be invited to share their experience on this topic.

Arrival and Departure

Transfers between the airport and the hotel will be organised by bus. Participants wishing to make use of organised bus transport should arrive in Madrid (IATA code: MAD) airport well in advance before the organised bus leaves on **Monday 13th January at 18:00**.

The workshop will start at the venue on **Tuesday 14th January at 9:00** and will end on **Thursday 16th January at 12:00**. Transfers from the venue to Madrid airport will be organised on **Thursday 16th January at 13:00** for all participants.

INFORMATION



Pictures from Almaraz NPP and Hotel Valles De Gredos



Workshop language

The workshop language will be **English**.

Register on-line

Registrations should be completed online before **29th November 2024** at the following web address:

www.wanopariscentreregistrations.com.

A confirmation email will be sent to each participant following their registration.

The number of participants is limited to **30**.

Presentations

Participants are encouraged to give a 30-minute presentation (including Q&A) on the identified topics. Please indicate this when registering.

To ensure timely preparation of the workshop presentations' package, the PPT presentations (in English) should be sent to WANO Paris Centre organising team by e-mail (details below) by **13th December 2024**.

Venue

The workshop will be held at:
CENTRAL NUCLEAR DE ALMARAZ
Antigua Nacional V, Km 198
10350. ALMARAZ. CÁCERES. Spain

Venue access

You have to **bring your valid passport** with you to access the site.

When registering on WANO site, you will be also asked to indicate your interest to participate in the Site visit.

Transportation

The nearest international airport in Madrid is the Adolfo Suárez Madrid–Barajas Airport. Bus Transfers between the hotel and the venue will be organised morning and evening for participants staying in the hotel.

Workshop package

There is no workshop package fee. Almaraz NPP and WANO Paris Centre will cover the costs for the full workshop documentation, refreshments and lunches.

Accompanying guests

No programme was arranged for any accompanying guests.

Social activity:

An evening get-together event will take place on Wednesday 14th January 2025.

Dress Code

Evening get-together event: Casual
Workshop: Business Casual

Accommodation

WANO Paris Centre has pre-booked an allocation of rooms at a rate of **89€** per night including breakfast and VAT.

Each participant will have to pay for his or her hotel accommodation directly at the hotel upon departure. Please use the online workshop registration to book your hotel

room at:

Hotel Valles De Gredos

Ctra. Sta. María de las Lomas, s/n
10310 Talayuela (Cáceres), Spain

Cancellation policy

Participants who cannot attend the seminar (after registration), please, inform us as soon as possible.

Late cancellations and 'no-shows' might result in a cancellation fee from the hotel. This fee will be charged to the attendee or his/her company.

Organising team

For further information, please, contact the Organising team in WANO Paris Centre:

- Jaromír Macháček, MSM team leader, WANO Paris Centre
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- Hendrica BELTOU, Event Coordinator, WANO Paris Centre
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