

## SCRAM REDUCTION

6<sup>th</sup> to 8<sup>th</sup> June 2023, Penly NPP, France

The Workshop will be organised by WANO Paris Centre in collaboration with Penly NPP, EDF, France.

### Background

The recent Fleet Analysis on Plant reliability issued by WANO Paris Centre in November 2022 investigated trends and causes of scrams (reactor trips) for the period from 2016 to 2021. One of main causes identified are engineering shortfalls in considering the risk of adverse conditions that can affect the reliability of equipment.

### Topics

Among the dominant drivers of engineering shortfalls, the report pointed out:

- Identification and mitigation of Single Point Vulnerabilities  
and
- Adaptation of preventive maintenance strategies.

The scope of the workshop will be focused on these two topics.

### 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 or achieving a further performance.

Through sharing information, WANO PC and INPO perspectives, 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.

### Target group

Engineering and Equipment reliability managers, coordinators and engineers, coordinators of preventive maintenance programmes from WANO Paris Centre members.

### Arrival and Departure

Participants should arrive at the hotel on the evening of Monday 5<sup>th</sup> June 2023.

The workshop will end at 12:00 on Thursday 8 June, which should be the earliest time for departure.

An evening get together event will take place on Tuesday 6<sup>th</sup> June 2023.

## INFORMATION



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### Workshop language

The workshop language will be **English**.

### Register on-line

Registrations should be completed online before **21<sup>st</sup> April 2023** at the following web address:

[www.wanopariscentreregistrations.com](http://www.wanopariscentreregistrations.com).

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

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

### Presentations

Participants may wish to give a 45 minute (including Q&A) presentation 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 **15<sup>th</sup> May 2023**.

### Venue

The workshop will be held at:  
Penly NPP, Route de la centrale,  
76630 Petit-Caux, France

### Venue access

When registering on WANO site, you will be asked to provide information requested for your access to Penly NPP.

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

If one of the prerequisites above is not met, you access to the venue and therefore participation the workshop cannot be guaranteed.

If you was granted with EDF badge during one of your previous missions, you shall bring it

with you.

### **Transportation**

#### Airports:

The nearest international airports are Roissy Charles de Gaulle and Orly (both in Paris).

#### Train:

Once in Paris, travelling by train from Paris to Dieppe through Rouen with a connection to Dieppe at Rouen railway station (total travel time is around 2h20).

WANO PC will provide 2 way transportation between the hotel and the venue each day.

### **Workshop package**

There is no workshop package fee. Penly NPP and WANO Paris Centre will cover the costs for the full workshop documentation, refreshments, lunches and welcome reception as stated in the programme.

### **Accompanying guests**

No programme was arranged for any accompanying guests.

### **Dress Code**

Evening dinner: Casual

Workshop: Business Casual

### **Accommodation**

WANO Paris Centre has pre-booked an allocation of rooms at a special rate of 100,7 Euros per night (single room 85 Euros, breakfast 14,50 Euro, tourist tax 1,20 Euro). There is as well a possibility to book a bigger room based on public prices.

Each participant will have to pay for his or her hotel accommodation directly at the hotel upon departure.

Please use the online registration to book your hotel room.

Hotel Aguado

30, boulevard de Verdun

76200 Dieppe

[aguado@hoteldieppe.com](mailto:aguado@hoteldieppe.com)

### **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:

- Andrei BAKANOV, MSM team leader, WANO Paris Centre  
[andrei.bakanov@wanopc.org](mailto:andrei.bakanov@wanopc.org)
- Hendrica BELTOU, Assistant, WANO Paris Centre  
[hendrica.belou@wanopc.org](mailto:hendrica.belou@wanopc.org)

WANO Paris Centre

Immeuble Carré Michelet,

10-12 cours Michelet,

92800 Puteaux, France

Phone : +33 1 46 40 35 55

[www.wano.org](http://www.wano.org)