

Foreign Travel Pre-Trip Notification

This is due 30 days before trip start date. Please complete the light shaded area.

TRAVEL INFORMATION

• Traveler Name(s): <small>(include Office/Division)</small>	James Kellum NRO/DCIP Mark Franke R-II/DRS	• Phone #(s):	301-415-5305 404-997-4436
• E-mail Address(es):	jim.kellum@nrc.gov mark.franke@nrc.gov	• Location(s):	Rockville, MD Atlanta, GA
• Multiple Travelers:	<input checked="" type="checkbox"/> Less than 4 <input type="checkbox"/> 4 or more (see below)		
If 4+, Coordinating Office:			
If 4+, Office Director Approvals:	(1)	CHOOSE ONE OF THE FOLLOWING	Date:
<i>(Office Director approves travelers</i>	(2)	CHOOSE ONE OF THE FOLLOWING	Date:
<i>from his/her office only)</i>	(3)	CHOOSE ONE OF THE FOLLOWING	Date:
	(4)	CHOOSE ONE OF THE FOLLOWING	Date:
ADAMS Accession Number: <small>[If 4+, Submit NRC Daily Note with ML# of pre-trip notification 30 days before trip start date]</small>	ML11186A010		
• Travel Dates [mm/dd/yyyy]:	08/06/2011 to 08/13/2011		
• Destination(s) [City, Country]:	Oslo, Norway (Halden)		
• Framework:	<input type="checkbox"/> Export and Import Licensing <input type="checkbox"/> Multilateral Cooperation and Assistance <input type="checkbox"/> Treaties, Agreements, and Conventions <input type="checkbox"/> International Cooperative Research <input type="checkbox"/> Bilateral Cooperation and Assistance <input checked="" type="checkbox"/> Other - Develop Standards		
• International Organization:	<input type="checkbox"/> NEA/CSNI <input type="checkbox"/> NEA/CNRA <input type="checkbox"/> NEA/RWMC <input type="checkbox"/> NEA/MDEP <input type="checkbox"/> NEA/CRPPH <input type="checkbox"/> IAEA/NS(TRANSSC) <input type="checkbox"/> IAEA/NS(WASSC) <input type="checkbox"/> IAEA/(NUSSC) <input type="checkbox"/> IAEA/NS(RASSC) <input type="checkbox"/> IAEA/Safeguards <input type="checkbox"/> IAEA/NS <input type="checkbox"/> IAEA/NE <input type="checkbox"/> IAEA/Technical Cooperation <input checked="" type="checkbox"/> Other: <u>OECD Halden Reactor Project</u>		
• Purpose of Travel:	Halden Project provides data and knowledge to support Human Reliability Analysis and design of new human system interfaces and control centers. With the new digital control rooms the operator will need to be evaluated differently in the simulator to determine their competency for obtaining a reactor operator or senior reactor operator license and subsequent requalification. Currently licensed operators and licensed operator candidates are evaluated in the plant referenced simulator against competency worksheets contained in NUREG-1021, Operator Licensing Examiner Standards for Power Reactors. With the new digitalized control rooms these competencies need to be upgraded to reflect the new technology. A United States operating crew from Duke Power will be performing multiple scenarios on the Halden digitalized simulator. This is a unique opportunity for this observation with added value for us in that Halden usually uses European operating crews. The pupose is to observe the individual and crew performance and evaluate the usability of the		

	competencies in NUREG -1021 to determine what changes to the competency worksheets need to be made in order to ensure the operator license candidates and requalification candidates are evaluated with the right tools for a valid examination.
<ul style="list-style-type: none"> • Desired Outcome: 	The observation determines the necessary modifications to the existing crew and individual competencies of the Examiner Standard (NUREG-1021) used to evaluate licensed operators in the simulator setting for new reactor control rooms with digital displays and the associated human system interface (HSI). The competency forms of NUREG 1021 are the basic tool for determining satisfactory/unsatisfactory operator and crew performance in both initial and requalification examinations.
<ul style="list-style-type: none"> • Traveler Role(s): 	The role of the traveler will be to observe the Duke Power operating crew and based on those observations determine the modifications needed to the existing operator competency worksheets of NUREG-1021 to create a valid tool for evaluating individual/crew performance in a simulator operating examination setting during performance of a simulator scenario. This observation will be applicable to the areas of communications, command and control, control board operations, procedure use, event diagnosis and directing shift operations (senior operator only).
<ul style="list-style-type: none"> • Is this an NRC Core or Non-Core Trip? [Core means NRC-Funded. <i>Non-Core</i> is externally funded or travel to Canada] 	<input checked="" type="checkbox"/> Core <input type="checkbox"/> Non-Core
<ul style="list-style-type: none"> • Is there a speech or presentation to be given? [If yes, send ADAMS ML# of presentations in an EDO One Week Look Ahead] 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • Are policy issues or other items of Commission interest to be raised? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, how will the Commission be informed?	N/A