



## Advanced Capacity Building in Preparedness and Response to Nuclear and Severe Radiological Accidents

Mr. Kieu Ngoc Dung of Vietnam attended scientific visit in The Nuclear Power Institute, at Texas A&M University in cooperation with The U.S. Nuclear Regulatory Commission (NRC), The South Texas Project Nuclear Operating Company, Matagorda County Emergency Response Center and Disaster City – Emergency Operations Training Center, as a participant in the IAEA Scientific Visit Program. In Vietnam, Mr. Dung has been working at Military Institute of Chemistry and Environment since 2004 as Reseacher at Nuclear Safety and Emergency Response Department. He is responsible for radiological and nuclear emergency preparedness and response, environmental monitoring. Mr. Kieu's scientific visit was directed by Dr. K. Peddicord and consist of lectures and participation, as observers in a large-scale drill.

The major elements of scientific visit were: Lessons from the Fukushima nuclear accident Role of the IAEA Incident and Emergency Centre (IEC) and US Federal and State agencies in emergency preparedness and response, management and response to nuclear and radiological emergencies, a large-scale dress rehearsal (drill) for a graded emergency exercise planned by the South Texas Project Nuclear Operating Company (STPNOC) and by the Matagorda County Emergency Operations Center.

The scientific visit provided practical experience with the U.S. command and control system to respond, manage, and recover from nuclear or radiological emergencies. The training program also considered a wide spectrum of national U.S. experience in possible operations, ranging from pre-incident planning and preparation, issues to be addressed during the incident, key decision points, critical information needed to initiate appropriate actions. The scientific visit included consideration of the field incident command post perspective to the emergency, the coordination of multi-agency work at the local, regional



or national levels, including communications with the media and the public.

As you know, Vietnam is currently preparing to build the first nuclear power plant. We don't have much experience in operations and ensure the safety of nuclear power plants. Attended this visit scientific helps us have had actual knowledge of US in the process of preparedness for nuclear radiation incident. These are valuable experiences to us can be applied well to the emergency response system of Vietnam (administrations of different American Vietnam). In rehearsal, the knowledge gained from its operation centers EOC, EOF and coordination between organizations are valuable practical experience to our building application response force Vietnam issue.

After completion of the visit, Mr. Kieu will share all the experience and knowledge gained at this scientific visit with his co-workers and other stakeholders and help to improving in developing legal documents and capacity on preparedness and response in Vietnam.

**KIEU NGOC DUNG**

**VIETNAM**

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