You are cordially invited to the 234th meeting as scheduled below.

Date: January 19, 2007 (Fri) 16:00-

Place: RERF Auditorium

Speaker: Noriyuki Kawano, Ph.D., Research Associate, International Radiation Information Center, Research Institute for Radiation Biology and Medicine, Hiroshima University
Ms. Kyoko Hirabayashi, Postgraduate Student, Graduate School of Biomedical Sciences, Hiroshima University

Title: “The health conditions and symptoms on the radiation residents around the Semipalatinsk Nuclear Test Site: established on the basis of questionnaire surveys”

Summary:
In the Semipalatinsk Nuclear Test Site (SNTS), Kazakhstan, more than 450 nuclear explosions were carried out including 111 atmospheric events between 1949 and 1963. As a result of those nuclear explosions, it can be said that many of residents around the SNTS were exposed to radiation. According to the speech of Kazakh Ambassador made at United Nations, 1.6 million people were subjected to radiation and 1.2 million people are still suffering from its aftereffects.

Our research team of Hiroshima University started to conduct a questionnaire survey in 2002 to explore the health condition of the residents, their experiences of nuclear explosions, psychological effect caused by the experiences, and exposure path.

The main purpose of this presentation is to explore the aftereffects of radiation exposure on the residents around the SNTS on the basis of our questionnaire survey. For the purpose, we focus upon the respondents to the question concerning the health condition and symptoms.

The data conducted by our research will compare the results obtained in a similar survey made in municipalities of Hiroshima and Nagasaki. We will also discuss the characteristics of their health condition and their symptoms by using a statistical method called logistic multiple linear regression analysis.