

Group D: Request 3.40

[Answer from Ministry of Education, Culture, Sports, Science and Technology (MEXT)]

Ministry of Education, Culture, Sports, Science and Technology (hereinafter referred to as "MEXT") have entrusted Cohort Study among Nuclear Industry Workers in Japan to Radiation Effects Association (hereinafter referred to as "REA") from 1991.

REA have set up committees consisting of specialists of epidemiology and relevant fields, and reported the four analytical reports. Up to now, First analysis (1990-1994), Second analysis (1995-1999), Third analysis (2000-2004) and Fourth analysis (2005-2009) had carried out and Fifth study (2010- ongoing) is now going on. In these studies, First study was only used for the IARC 15 country study and, moreover, it was only used for the analytical study of leukemia., not of solid cancer.

The scientific articles relevant to these studies are;

- 1) First Analysis of Mortality of Nuclear Industry Workers in Japan, 1986-1992
Journal of Health Physics, 32 (2), 173-184 (1997)
Murata, et al
(see attached file "JapanNuclearWorkerEpi_1.pdf")
- 2) Second Analysis of Mortality of Nuclear Industry Workers in Japan, 1986-1997
Radiation Research 159, 228-238 (2003)
Iwasaki, et al
(see attached file "JapanNuclearWorkerEpi_2.pdf")
- 3) The third analysis of cancer mortality among Japanese nuclear workers,
1991-2002: estimation of excess relative risk per radiation dose
J. Radiol. Prot. 32 (2012) 73-83
Akiba et al
(see attached file "JapanNuclearWorkerEpi_3.pdf")
- 4) The Fourth Analysis of Mortality among Nuclear Industry Workers in Japan
(2005-2009)
(see attached file "JapanNuclearWorkerEpi_4.doc")