

§5. Study and Filing of Documents in the Planning Phase of the Fusion Energy Research Projects in Japan

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The JAEA (Japan Atomic Energy Agency) keeps a lot of materials which includes valuable documents on the important meetings and related information in the initial stage of the Japan fusion activities, through the successful JT-60 national project and up to the implementation of the international project of ITER. These materials were originally owned by three originators, Professor K.Yamamoto, Dr. S.Mori, and M.Yoshikawa, and later given to the Japan Atomic Energy Research Institute (JAERI) and now to the Japan Atomic Energy Agency (JAEA). They have been stocked in the several storage rooms in the JAEA Naka or Tokai site. Both Prof. K.Yamamoto and Dr. S.Mori held vice president post of the JAERI and M.Yoshikawa held the President post of the JAERI and they led not only the JAERI fusion activities but entire Japan fusion energy research and development activities as well. It was recognized that it is important to classify and filling these materials in a programmatic manner, because they should be kept properly and be used efficiently by the researchers as records or for the study on fusion research and development history.

The materials stored at various places in Naka and in Tokai sites of JAEA have been transported and accumulated in one working office in Naka site.

In FY 2011, the work was started from the materials owned by the Prof. K.Yamamoto and registration and filing have been continuously made. (Fig.1) The materials start from 1950s, but the most important may be from the age of arguments on the so-called “B-program” in the late 1950s in the startup phase of the Japanese fusion program, integrated special programs under the atomic energy commission, such as JFT-1 (Hexapole internal conductor machine), JFT-2 (the first Japanese Tokamak), and the era of construction and operation of the JT-60, one of the largest tokamak in the world and to the startup of the international ITER program. Prof. K.Yamamoto and Prof. S.Mori have played a vital role in establishing national and academic specialist committees or meetings for the initial phase national project. Information and advices from Dr. T.Ohkawa and S.Yoshikawa whose influence were enormous were also found. Toward the start of the JT-60 construction, national public and congress persons’ supports were fully integrated. The roles of these leaders were significant.

Until the end of FY 2013, all the materials (430) on Prof. K.Yamamoto were registered and filed in eleven carton boxes (Fig.2) and 180 materials for Prof. S.Mori have been registered. (NIFS11KVXP014)



Figure 1. Materials registered for Prof. K.Yamamoto



Figure 2. Boxes for files registered on Prof. K. Yamamoto's materials