WEB-BASED NETWORKING WITHIN THE FRAMEWORK OF ANENT

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Recognizing the importance of nuclear knowledge management, KAERI has been actively involved in the establishment of the IAEA Asian Network for Higher Education in Nuclear Technology (ANENT). The institute, on behalf of the Korean government, initiated discussions with the IAEA on the concept of ANENT and hosted an IAEA Consultant Meeting in July 2003, which was intended to prepare a draft report for the establishment of ANENT. From the preparatory stage, the institute volunteered to establish a website to support the ANENT activities. This led the ANENT Coordination Committee, at its first meeting in April 2004, to designate KAERI as the coordinating organization for a work package on the "Web-based Exchange of Information and Material for Nuclear Education and Training". The committee also identified four more work packages and the respective coordinators at the same meeting [1, 2].

To implement the task of the web-based exchange, a website (www.anent-tepm.org) was designed with three functional objectives. The first function was to provide the ANENT member websites with a comprehensive connection with each other as well as to other sites relevant to nuclear education and training. The second one was to provide the collected information and materials. The last one was to provide a systematic and sustainable means to add, revise, and share the information and materials of high quality. As a result, the web site has been structured to deal with the overall information about ANENT, group activities (e.g. Coordination Committee meetings and work packages), inter-organization (or network) link, thematic information/materials database (or link), and the management of human resources (Fig. 1).

The ANENT website has been temporarily operated and is being revised to fulfil the objectives and reach a consensus among the ANENT members. In parallel, a set of information about education and training courses and teaching materials available from the network members is being collected, which will be loaded onto the website in the form of a database. Also, other input from different group activities will be provided on the website.

Other efforts being made by KAERI are the coordination for the establishment of a Korean network of nuclear education and training, and a cyber education system. The Korean network will facilitate a national level integration of nuclear education and training institutions and their systematic link with a regional level network, i.e. ANENT. Concerning the cyber education and training system, materials in the form of multimedia text and VOD (video on demand) are being produced and loaded onto the KAERI website, which is linked with the ANENT website.

This paper will discuss the details of the progress and major outcomes of the web-based exchange activity, in particular in terms of the ANENT web design, information collection, and cyber education and training.
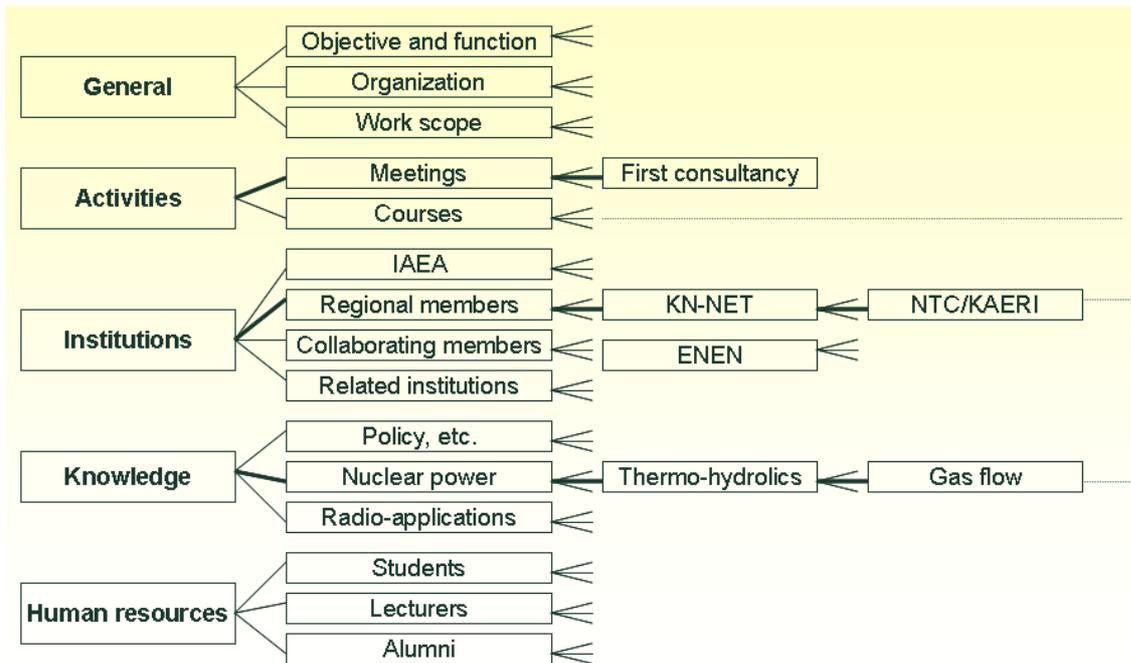
Fig. 1. Proposed structure of the ANENT website

REFERENCES

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[2] K.W. HAN, "Asian Network of Higher Education in Nuclear Technology", Nuclear Industry, Vol. 24, No. 3, March 2004, Korean Nuclear Industrial Forum (2004)