

## THE “HAYKAKAN ATOMAYIN ELEKTRAKAYAN” CJSC MANAGEMENT’S DECLARATION ON SAFETY POLICY FOR LONG-TERM OPERATION

The Management of “HAEK” CJSC considers the Armenian NPP operating life extension beyond the design limits to be a high-priority activity. Hence, another issue of high-priority is justification of operated Unit 2 operating safety, for which based on safety assessment results the scope of documentation to be developed and that of additional activities aimed at elimination of all identified safety problems, will be thoroughly determined. Such approach will enable to maintain the NPP power capacity, as well as to enhance its safety level and improve the unit performance.

The main purpose of long-term operation (LTO) is ensuring safe and uninterrupted operation of the power unit operated, in compliance with the criteria and requirements of the standards and regulations in force in the area of nuclear energy use.

The Administrative and Technical Management of “HAEK” CJSC clearly realize that they bear a complete and official responsibility for safety of the operated power unit during LTO which is achieved via:

rigorous adherence to the requirements of standard-regulatory statements and standard documentation, used for regulation of activities during power energy use, of the technical documents regulating the process of ensuring ANPP power units safe operation;

- power unit operation in strict compliance with the requirements of technical documentation;
- development and implementation of power unit LTO quality assurance program ;
- fulfillment of the requirements of quality assurance program for the power unit equipment and constructions comprehensive survey;
- development and implementation of power unit preparation for LTO program;
- implementation of a timely modernization and reconstruction of equipment, implementation of new hardware and technologies, upgrading operational procedures based on the operating experience, the results of comprehensive survey and aging management, as well as the best international practice in this area;
- performing NPP safety analyses and ensuring safety reports periodical releases, demonstrating that all the safety issues have found their solutions or will have been resolved within the dates specified;
- surveillance and control of established order observance by the ANPP and Contractor’s employees, when performing activities ;
- compliance of the employees’ qualification to the work performed;
- developing a high-level safety culture among all the ANPP employees .

In order to ensure the required safety level, the “HAEK” CJSC management undertakes the following commitments:

- to allocate required funds, logistics and human resources in order to achieve goals in the area of safety ensuring;
- to involve specialized organizations so that to ensure quality control of the equipment supplied to the ANPP and activities performed;
- to provide safe working conditions for all the employees to perform their functions ;
- to ensure that any initiatives of the plant employees, related to safety ensuring and upgrading, will be supported and valued;

- to submit information on safety issues to public, state and international organizations, and to cooperate with them in order to enhance safety;
- to communicate the LTO safety ensuring policy to all the ANPP employees.

Safety is considered to be the highest value in the Republic of Armenia and at the Armenian NPP. It is fixed in the RA legislation, as well as in industrial standard technical documentation and in plant procedures. The plant management always give great attention to issues related to ensuring safety, make significant efforts to maintain the safety at an adequate level.

Safety and reliability management is not addressed in "HAEK" CJSC in an isolated way but as a constituent part of the management system in whole, i.e. the safety and reliability management system is an integral part of the "HAEK" CJSC management system.

The "HAEK" CJSC safety and reliability management system is to meet requirements for implementation of two basic objectives:

- improvement of safety operational indicators through planning, monitoring and supervision of the performance affecting safety in all operating modes of the ANPP,
- establishing and maintaining high safety culture through development and strengthening of self-consciousness, responsibility and self-control of officials when performing activities influencing ANPP safety and reliability.

The NPP safety is ensured by implementing the principle of defence-in-depth based on using systems and barriers on the way of possible release of radioactive products into the environment and a system of technical and organizational measures aimed at protecting the barriers and maintaining their efficiency.