

Section 03. Challenges in Environmental Protection

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The Objects Causing Increased Ecological Danger In Ukraine

Today, in the industry of Ukraine works more than 1000 objects, on which hazardous chemicals are saved or used in production in quantity over 200 thousand tons. Among the most dangerous are objects from production of explosive substances and utilization of ammunition; factories of chemical or oil refining industry. The majority of population of Ukraine lives in places, where chemical contamination is possible (Donetsk, Dnipro, Lugansk and Kharkiv).

Provision of the ecological safety is requiring re-equipment of industry by modern technologies and fulfillment of requirements of industrial safety.

Nuclear power is strategically important kind of power in Ukraine, today's contribution of it is about 50% of electric power, made in Ukraine. For solution of ecological and social problems, that occurred as a result of Chernobyl disaster, it's necessary to continue the following kinds of work:

- Increasing systems of radioecological monitoring on territories, which adjoined to radiation hazardous objects
- Improvement of land and water resources condition, by the way of polluted territories rehabilitation
- Technical re-equipment of industrial manufacture
- Prevention of industrial or domestic pollution of reservoirs, decreasing volume of throwing out harmful substances in atmosphere
- Involvement of new sources of financing, to prevent unusual situation of natural character
- Shaping and development of ecological net according to European example and increasing quantity of wildlife sanctuary.

Maintenance of complex recycling, utilization, export and burial of waste production, increasing supervision of performance of conditions of industrial safety with potential hazardous objects and finally technical re-equipment of manufacturing by modern resource- and energy-saving technologies are necessary for provision ecological safety on potential hazardous objects.