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Problem of the nuclear waste in Ukraine has been analyzed. Methods of waste management have been investigated and optimal solution that comprises conditioning of the spent nuclear fuel and disposal it at the dry storage facilities has been suggested.

Key words: nuclear waste, spent nuclear fuel, spent fuel storage.

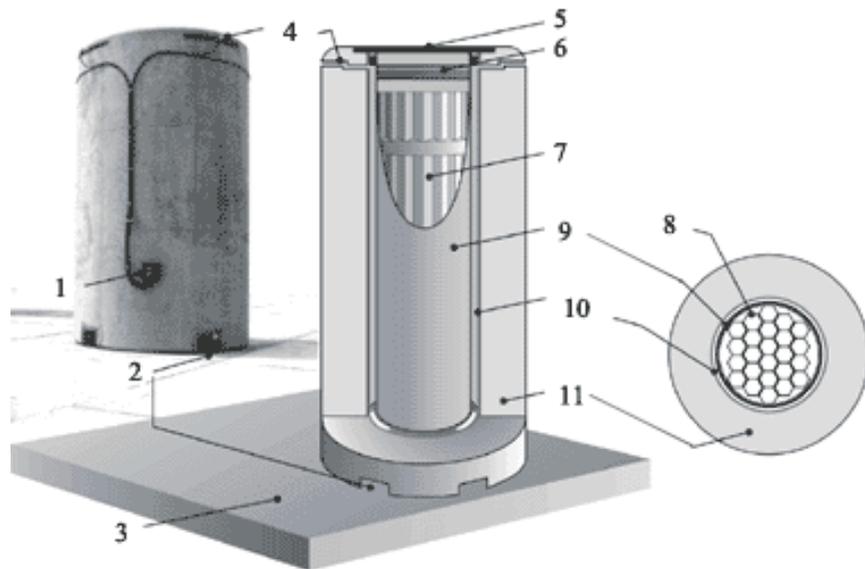
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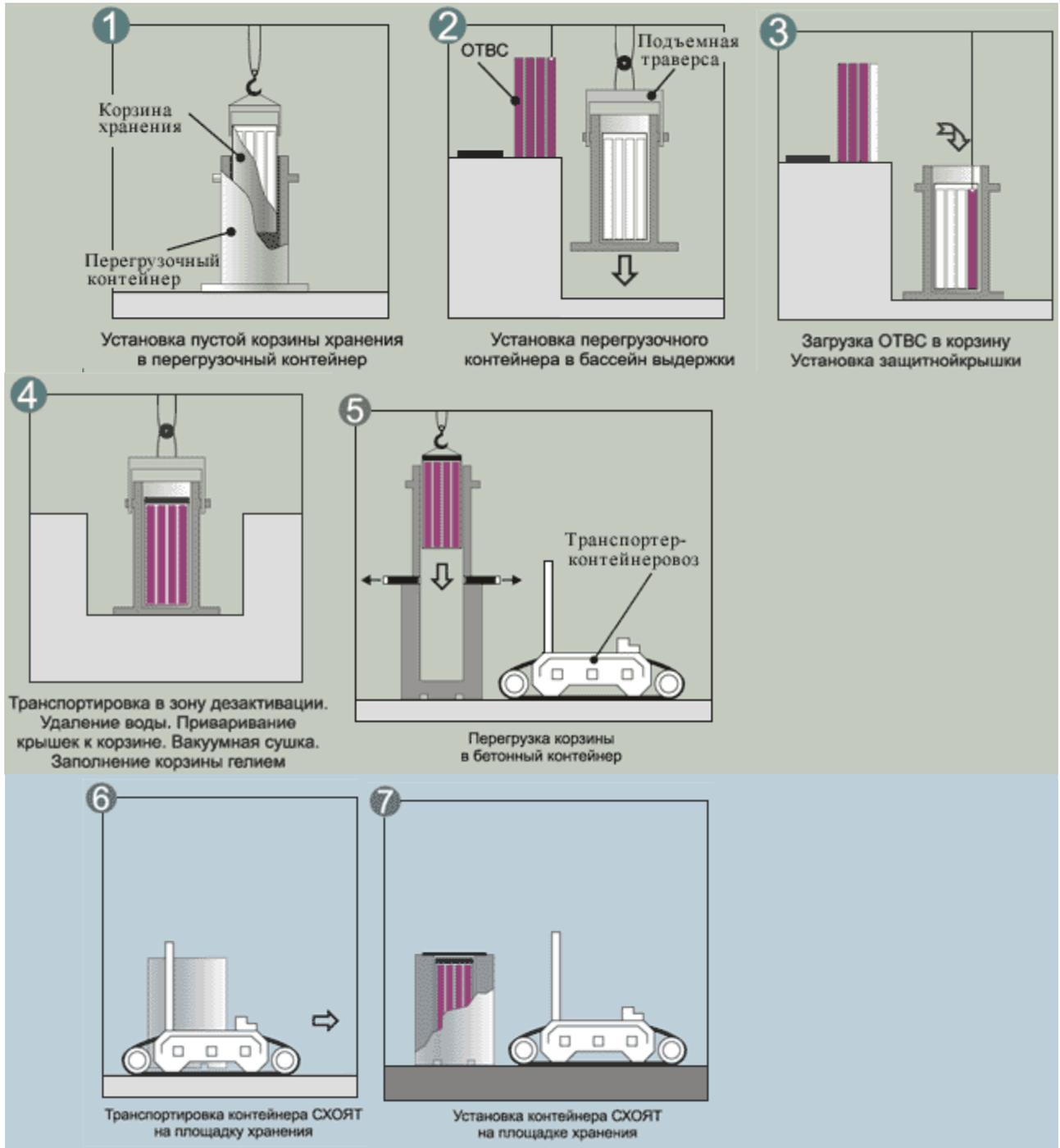
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2. . . . / . . . , . . . : . . - :: . -
2005. - 350 .
3. . . . / . . : . . - ::
. - 1986. - 264 .