



THE FEDERAL STATE UNITARY ENTERPRISE  
«NATIONAL OPERATOR FOR RADIOACTIVE WASTE MANAGEMENT»

# **The National Operator for Radioactive Waste Management decommissioning projects realization expectations (by the example of Seversk facility)**

**Yuri Polyakov**

**Director**  
NO RWM, FSUE



# The place of the National Operator in the RW Management system

The State administrative body in the field of RW Management



**Management**

Federal authorities exercising governance control of nuclear power



**Licensing**

Federal authorities exercising state regulation of safety in the use of nuclear energy



**Control**

**Monitoring**

**RW Producer**

**Specialized organizations**

**The National Operator**

**RW generation**

**Collection**

**Sorting and Recycling**

**Conditioning**

**Storage**

**RW disposal**

- Payment for radioactive waste disposal
- Bringing radioactive waste to conformity with the waste acceptance criteria for disposal
- Providing the safe interim storage of radioactive waste

Providing services for:

- collection
- sorting
- conditioning
- transportation
- temporary storage of radioactive waste

- Reception and RW disposal
- Performing functions of design and construction customer
- Ensuring safe operation and closure of the RW disposal



**FSUE  
NO RWM**

# The National Operator activities regulatory support

## The main provisions of the National Operator activities

Federal Law 190-FZ dated of July 11, 2011 "On Radioactive Waste Management and amendments to some legislative acts of the Russian Federation"

## Accumulated RW Removable / Special

Government Resolution 767 of July 25, 2012 "On conducting the initial registration of radioactive waste"

## The Unified State System for RW Management creation Par. 2, Art. 11 of FL 190-FZ

Government Decree 1185 of November 19, 2012 "On the determination of the order and timing of the creation of a unified state system for radioactive waste management"

## The unified classification Par. 7 Art. 5 190-FZ

Government Decree 1069 of October 19, 2012 "On the criteria for inclusion of solid, liquid and gaseous wastes to radioactive waste, the criteria for classification of radioactive waste to a special radioactive waste and disposed radioactive waste and classification criteria for removal of radioactive waste"

## Transfer for disposal Par. 5 Art. 5 190-FZ

- Government Decree 1298 of 11 October, 1997 "On Approving the Rules of organization of state accounting and control of radioactive substances and radioactive waste"
- The RF Government Resolution 1188 from November 19, 2012 "On the procedure of state registration and control of radioactive waste, including radioactive waste registration and storage of radioactive waste, government authority in the field of radioactive waste management" (along with "Regulation implementation of state accounting and control of radioactive waste, including radioactive waste registration and storage of radioactive waste, government authority in the field of radioactive waste management ")

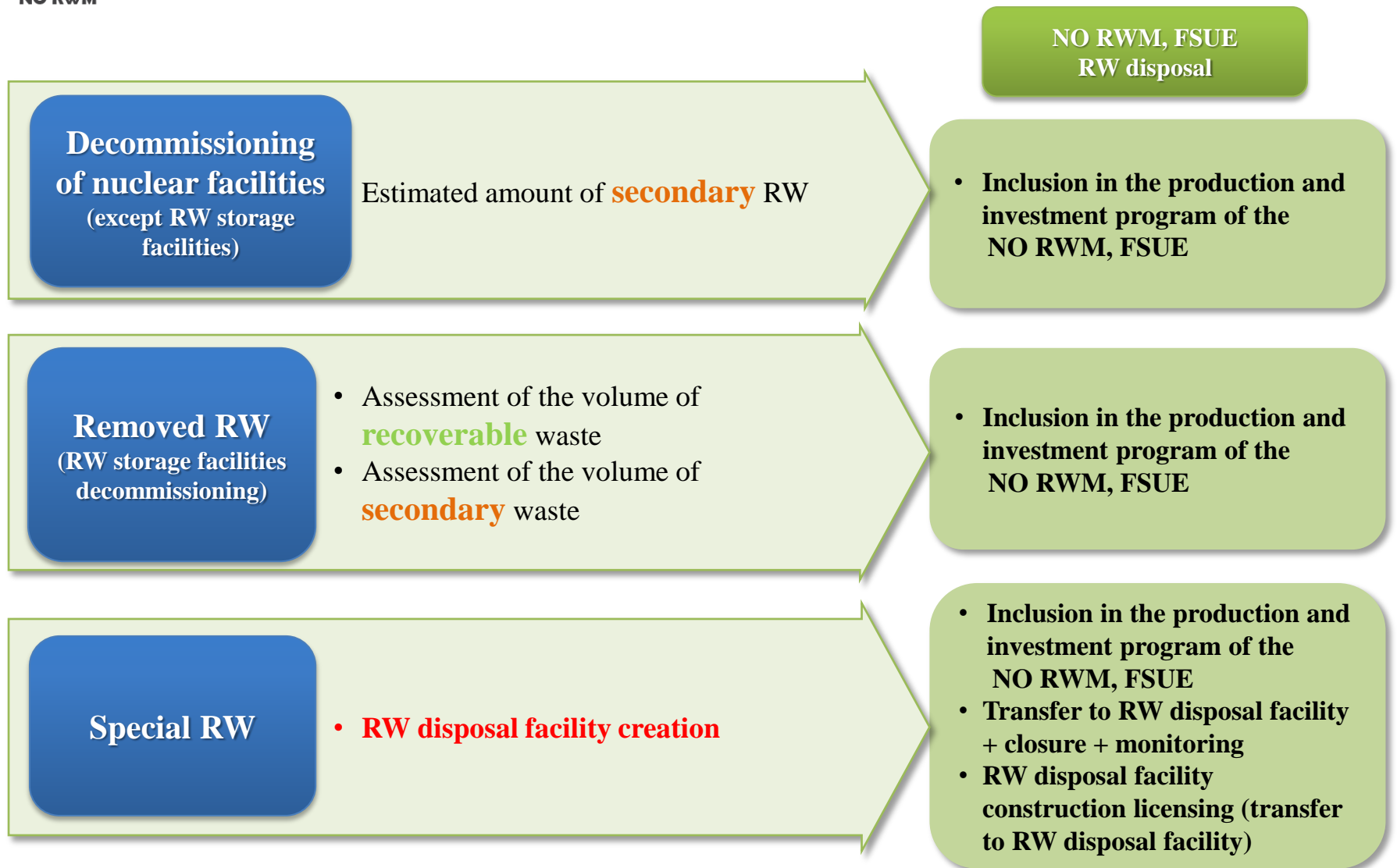
## RW and RS State Accounting and Control System Inventory and Control Par. 3 Art. 15 190-FZ

Government Decree 899 of 10 September, 2012 "On Approval of the transfer of radioactive waste for disposal, including radioactive waste generated in the implementation of activities related to the development, manufacturing, testing, operation and utilization of nuclear weapons and nuclear power installations for military purposes "

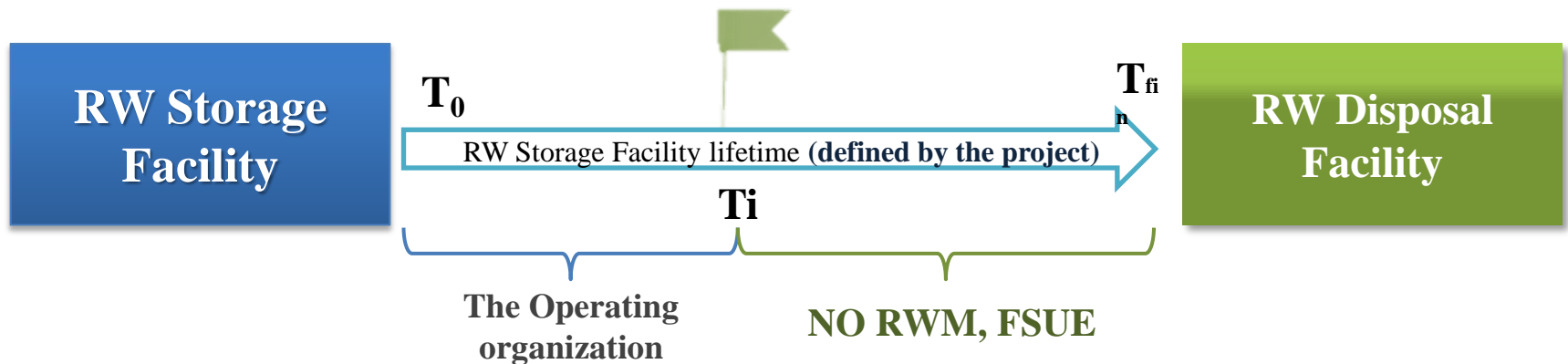
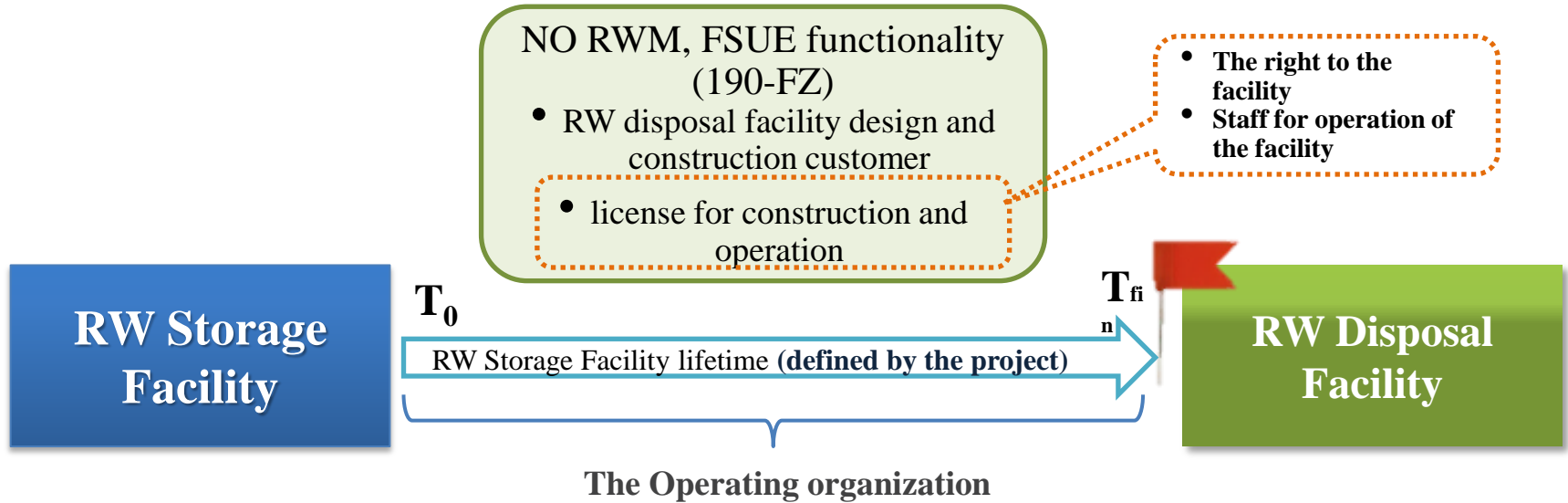
## Payment for disposal Tariffs Par. 4 Art. 5 190-FZ Par. 2 Part 3 Art. 20 190-FZ

- Government Resolution 1249 of December 3, 2012 "On the procedure of the state regulation of tariffs for the disposal of radioactive waste"
- Government Resolution 1187 of November 19, 2012 "On approval of the Rules of deductions by the National Operator for radioactive waste received at the reception of the radioactive waste from organizations other than the organizations operating high radiation hazardous and nuclear hazardous industries and facilities of funds for financing the costs of disposal of radioactive waste "

# Decommissioning of nuclear facilities in the framework of the Federal Target Program of nuclear radiation safety



# Transfer of special RW storage facility to RW disposal facility

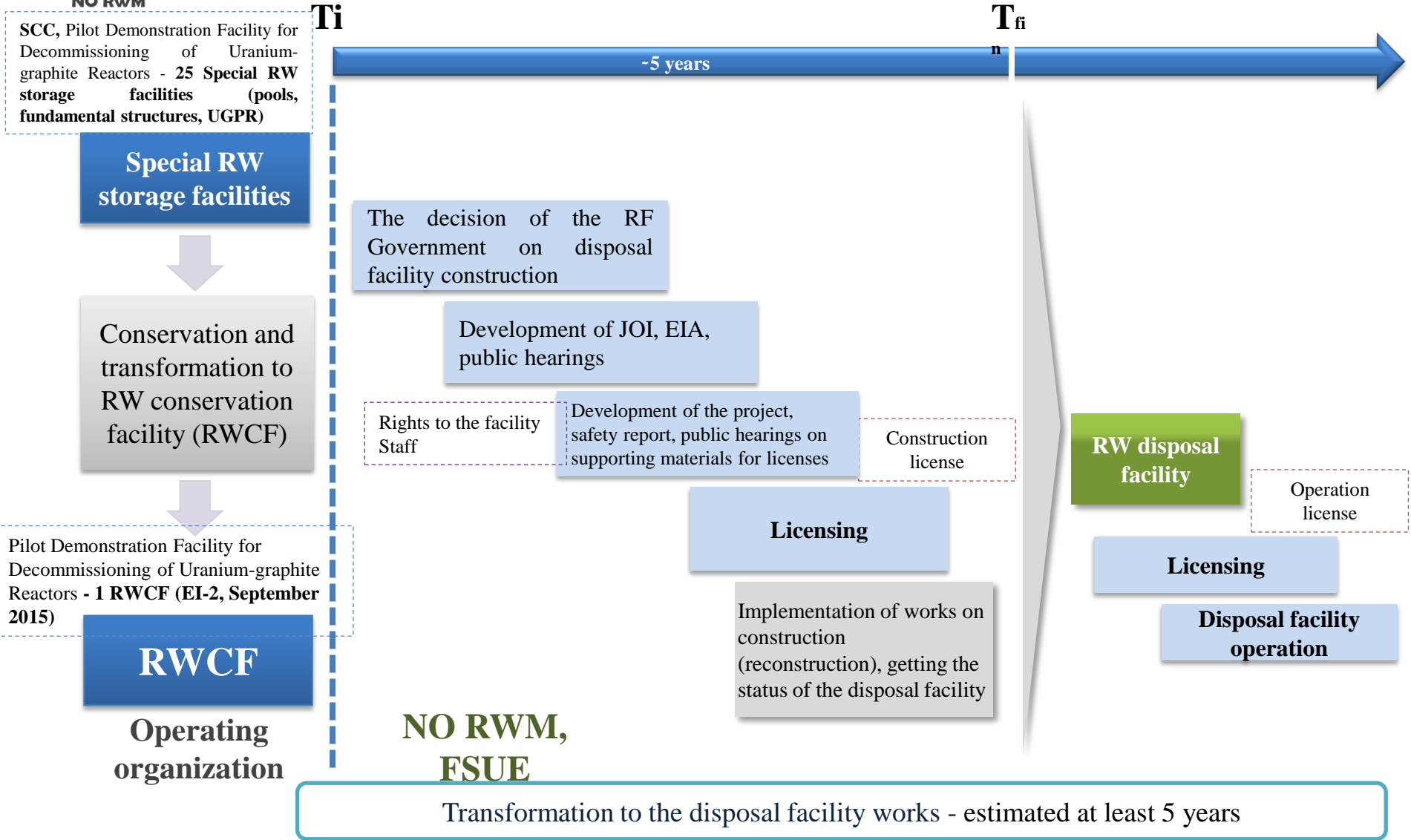


RW Storage Facility transfer to NO RWM, FSUE before the operation expiration date, taking into account the time work on the disposal facility construction, including licensing



**FSUE  
NO RWM**

# Milestones of RW disposal facility creation on the base of RW storage facility



## Transformation of RWCF to the disposal facility works features

---

- ✓ Multi-stage procedure for transfer to the disposal facility:
  - **Special RW storage facility to RWCF** (creating safety barriers for the period, defined by **the special RW storage facility** conservation project) (responsible – operating organization)
  - RWCF to the disposal facility (creating safety barriers for the period of RW potential hazard) (responsible – NO RWM, FSUE).
  
- ✓ Lists passing a variety of procedures :
  - transfer of property
  - Public hearings (2 times)
  - Licensing
  - design and survey works
  - construction (reconstruction)
  - etc.
  
- ✓ Completion of works on the disposal facility creation before the end of the RWCF life



THE FEDERAL STATE UNITARY ENTERPRISE  
«NATIONAL OPERATOR FOR RADIOACTIVE WASTE MANAGEMENT»

**[www.norao.ru](http://www.norao.ru)**  
**E-mail: [info@norao.ru](mailto:info@norao.ru)**