

Case Study

Procedure for Site Release

example

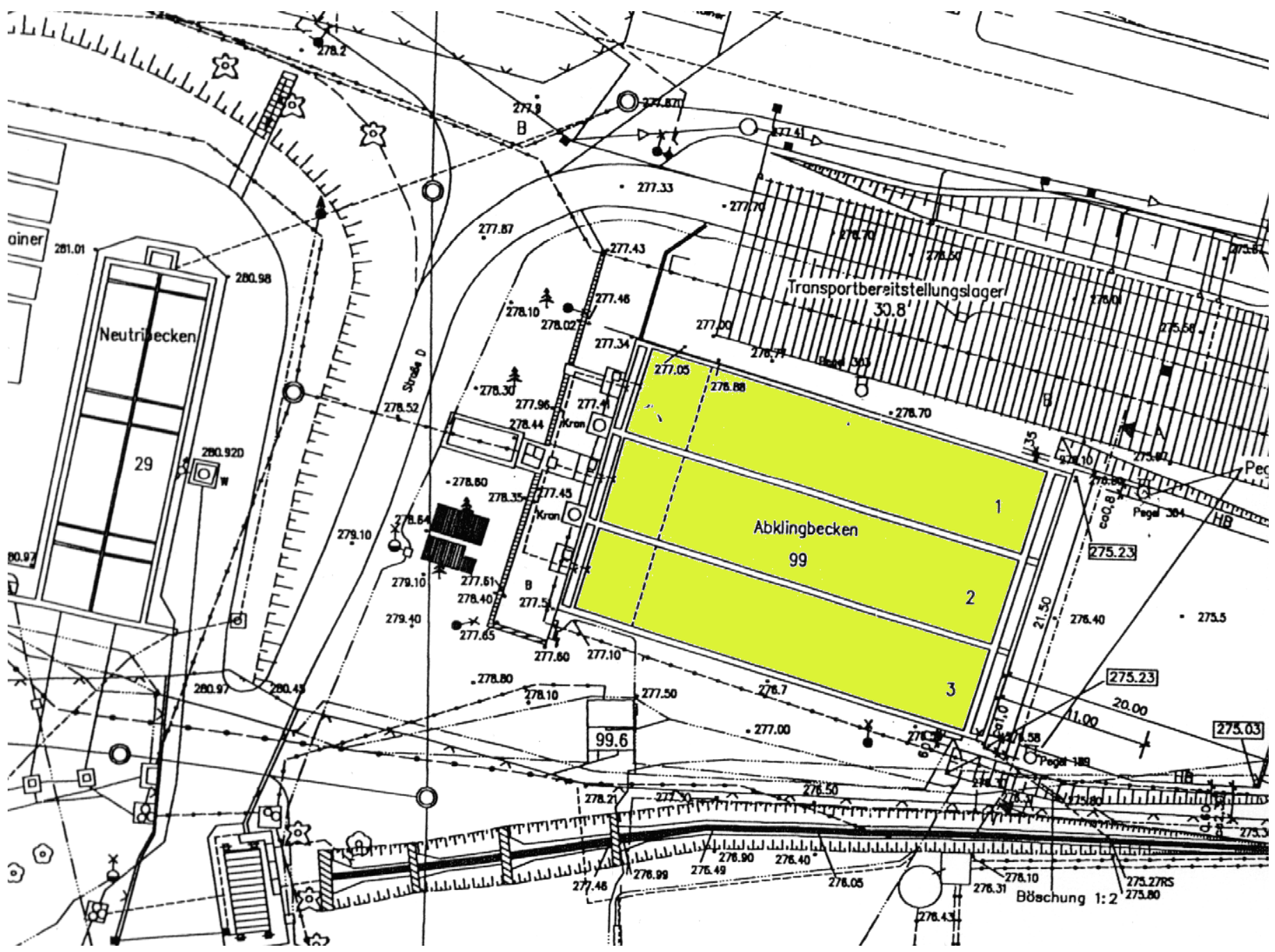
Waste Water Treatment Installation

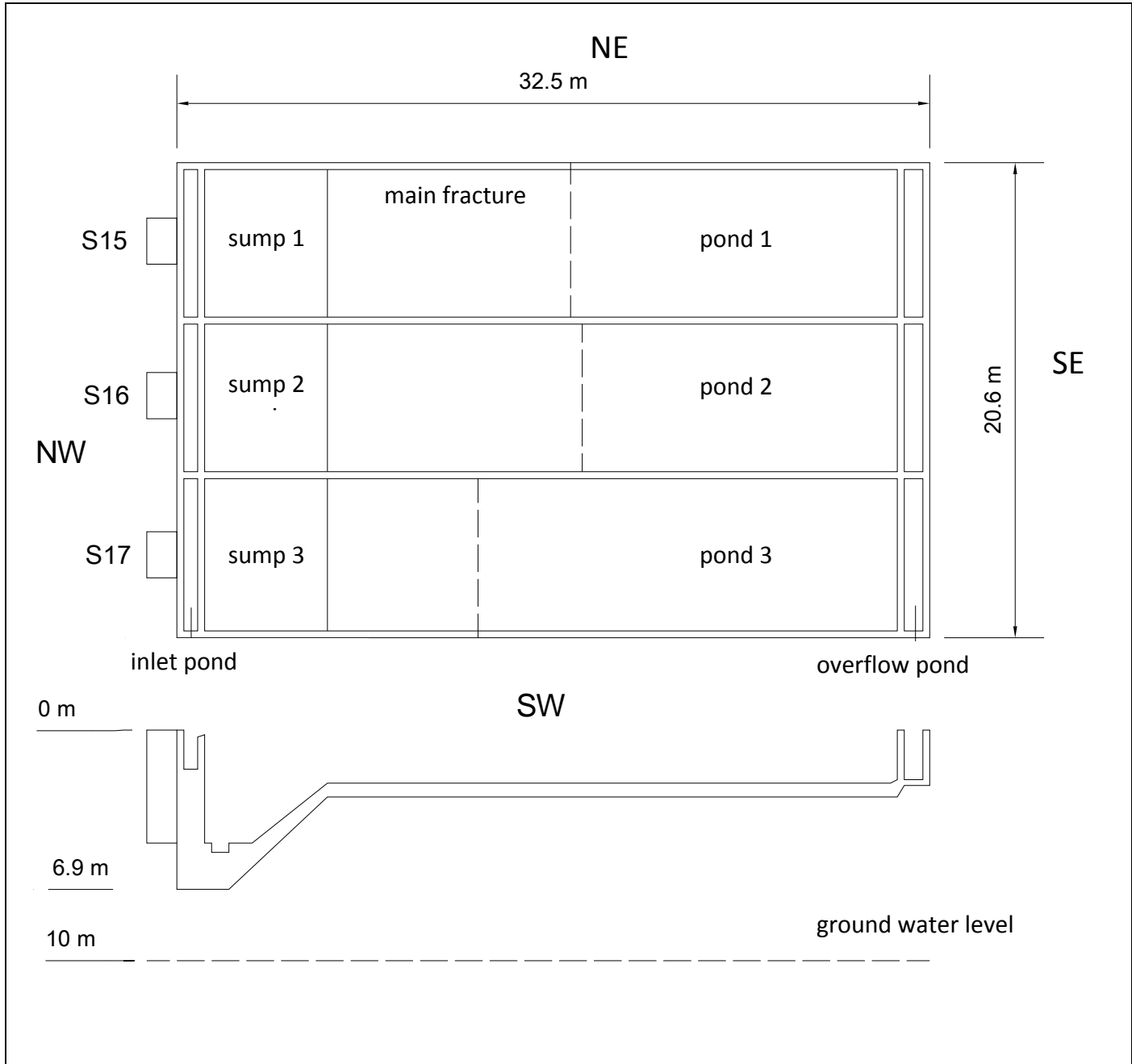
Case Study

Decommissioning of a Waste Water Treatment Facility

- waste waters from
 - research reactor
 - radiochemical laboratories
 - reprocessing of irradiated fuel elements
- storage pond for radioactive decay
- consists of
 - open concrete building
 - tubes
 - shafts

- situation at a site with other nuclear installations in operation
- dimensions:
 - length
 - width
 - depth
- surrounding
 - open soil
 - paved areas







Case Study: Release procedure for Waste Water Treatment Facility

Task:

Generate a conception for the release procedure.

Take into account:

- survey strategies
- measurement techniques
- decontamination technologies
- release options
- radiation protection
 - for workers
 - for the public
- costs