



U.S.NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

Additional Changes NUREG-1021 Revision 11

Operator Licensing & Training Branch
Office of Nuclear Reactor Regulation

March 31, 2016

Agenda

- ES-501: Initial Post Exam Activities
- ES-502: Application Denials (and Hearings)
- ES-205: Generic Fundamentals Exam Administration
- ES-201-1: Industry Proposed Timeline
- Revision Schedule
- Public Comments

ES-501 Changes

- Elimination of the informal staff review process
- Provide additional time for licensees/applicants to submit post-exam comments (20 calendar days)
- All post-exam comments require a facility position

ES-501 Changes

- Clarify guidance to ensure applicants are medically fit prior to issuing a license
- Outcome: license issued or denial letter sent
- Update guidance for electronic filing for hearing request

ES-501 Changes

- Specify that ALL exam information will be placed in ADAMS
- Updates to all attachments:
 - RO and SRO licenses
 - Denial letter
 - Post Exam Comment examples
 - Simulator Fidelity report

ES-502 Changes

- Section explains options for an applicant for any type of application denial
- Specifies actions and timeline for re-applications
- Elimination of informal staff review
- NRC will conduct operator licensing hearings in accordance with 10 CFR Part 2

ES-205 Changes

- Generic Fundamentals Exam offered:
 - 4 times in CY 2016 (Mar, Jun, Sep, Dec)
 - 2 times in CY 2017 and on (Mar, Sep)

Industry proposal ES-201-1

Exam Prep Checklist

Target Date*	Task Description (Reference)
-330 (180)	1. Examination administration date confirmed (C.1.a; C.2.a and b)
-300 (150)	2. NRC chief examiner and facility contact assigned (C.1.d; C.2.f)
-300 (150)	3. Facility contact briefed on security and other requirements (C.2.c)
-270 (150)	4. NRC developed written examination outline, ES-401-1/2 or ES-401N-1/2, and ES-401-3 or ES-401N-3, sent to facility contact (must be on exam security agreement) (C.1.e-f, C.2.h, C.3.d and e)
-270 (150)	5. Corporate notification letter sent (C.2.e)
-240 (120)	6. Reference material due for NRC prepared exams, only (C.1.e; C.3.c; Attachment 3)
120 (90)	7. Operating examination outline(s) and other checklists due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1, as applicable (C.1.e and f; C.3.d).
-105	8. Facility pre-submittal (sample) due (ES-401/401N E.2.c). Not applicable for NRC prepared exams.
-105 (85)	9. Operating examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e). NRC provides feedback on pre-submittal (sample) (ES-401/401N E.2.c). Not applicable for NRC prepared exams.
-90 (60)	10. Proposed operating test or written exam (as agreed by facility and chief examiner) and all applicable forms and reference material due (C.1.e, f, g and h; C.3.d)

Target Date*	Task Description (Reference)
-75 (45)	11. Review completed on (10) and feedback provided to licensee (C.3.f)
-75 (60)	12. Proposed written exam or operating test (as agreed by facility and chief examiner) and all applicable forms and reference material due (C.1.e, f, g and h; C.3.d)
-60 (45)	13. Review completed on (12) and feedback provided to licensee (C.3.f)
-60 (60)	14. Preliminary waiver/excusal requests due (C.1.m; C.2.i; ES-202)
-45 (21)	15. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f and g)
-45 (21)	16. Examinations reviewed with facility licensee (C.1.j and k; C.2.g and h; C.3.g)
-30 (30)	17. Preliminary license applications (NRC Form 398's) and waiver/excusal requests due (C.1.m; C.2.ig; ES-202)
-30 (7)	18. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)
-21 (14)	19. Written examinations and operating tests approved by NRC supervisor (C.2.j; C.3.h)
-21 (7)	20. Request facility licensee management feedback on the examination. (C.2.l)
-14 (14)	21. Final license applications due and Form ES-201-4 prepared (C.1.m; C.2.i and k; ES-202)
-7 (7)	22. Final applications reviewed; 1 or 2 (if >10) applications audited to confirm qualifications / eligibility; and examination approval and excusal/waiver letters sent (C.2.k; Attachment 5; ES-202, C.2.f; ES-204)
-7 (7)	23. Approved scenarios and job performance measures distributed to NRC examiners (C.3.i)

Revision 11 schedule

- March 18th: 3 additional sections posted to Docket NRC 2016-0006
- April 5th: 60 day public comment period ends
- Anticipate extension to April 30th to comment on new sections posted
- ~Sept 15, 2016: Publish NUREG 1021 Rev 11 final



Comments and Questions