

**VARIOUS CHECKLISTS FOR THE  
FERMI INITIAL EXAMINATION - JANUARY 2008**

Facility: <u>Fermi</u>		Date of Examination: <u>January 28, 2008</u>
Developed by: <u>Written - Facility</u>		<u>//</u> Operating - Facility
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	meb
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	meb
-120	3. Facility contact briefed on security and other requirements (C.2.c)	meb
-120	4. Corporate notification letter sent (C.2.d)	meb
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 3)]	n/a
{-75}	6. Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d)	meb
{-70}	{7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)}	meb
{-45}	8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6, and any Form ES-201-3 updates), and reference materials due (C.1.e, f, g and h; C.3.d)	meb
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	meb
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	meb
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	meb
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	meb
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	meb
-7	14. Final applications reviewed; 1 or 2 (if >10) applications audited to confirm qualifications / eligibility; and examination approval and waiver letters sent (C.2.i; Attachment 5; ES-202, C.2.e; ES-204)	meb
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	meb
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	meb
<p>* Target dates are generally based on facility-prepared examinations and are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.          [Applies only] {Does not apply} to examinations prepared by the NRC.</p>		

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 1-28-08 as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security may have been compromised.

2. Post-Examination

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the week(s) of 1-28-08. From the date that I entered into this security agreement until the completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing examinations, except as specifically noted below and authorized by the NRC.

	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE NOTE
1.	JOSEPH ARSENAULT	Developer	<i>Joseph Arsenault</i>	9-17-07	Joseph Arsenault	2-4-08 via Telecom
2.	ROBYN BRIXEY	Developer	<i>Robyn Brixey</i>	9-17-07	Robyn Brixey	2-4-08 via Telecom
3.	John J. Sims	Developer	<i>John J. Sims</i>	9/17/07	<i>John J. Sims</i>	2-4-08
4.	Lynn H. Barker	Developer	<i>Lynn H. Barker</i>	9/17/07	<i>Lynn H. Barker</i>	2-4-08
5.	Tony M. Roberts	Developer	<i>Tony M. Roberts</i>	9/17/07	<i>Tony M. Roberts</i>	2-5-08
6.	TIMOTHY P. HORAN	General Supervisor	<i>Timothy P. Horan</i>	10/17/07	<i>Timothy P. Horan</i>	2/5/08
7.	PATRICK A. TARNACKI	DEVELOPER	<i>Patrick A. Tarnacki</i>	10/26/07	<i>Patrick A. Tarnacki</i>	2/5/08
8.	William L. Wade	Simulator Specialist	<i>William L. Wade</i>	10/26/07	<i>William L. Wade</i>	2-5-08
9.	MARC HIMEBAUGH	CRS	<i>Marc Himebaugh</i>	4-7-07	<i>Marc Himebaugh</i>	2-5-08
10.	DONALD C. PIERCE	NSO	<i>Donald C. Pierce</i>	11-7-07	Donald Pierce	2-7-08 via Telecom
11.	DAVID K. HEMMEL	SM	<i>David K. Hemmel</i>	11-7-07	<i>David K. Hemmel</i>	2-5-08
12.	ROBERT KIRCHNER	NSO	<i>Robert Kirchner</i>	11-7-7	Robert Kirchner	2-7-08 via Telecom
13.	Shawn Lanman	NSO	<i>Shawn Lanman</i>	11-7-7	Shawn Lanman	2-7-08 via Telecom
14.	W. ALEC CONROY	NSO	<i>W. Alec Conroy</i>	11-7-07	<i>W. Alec Conroy</i>	2-5-08
15.	DAVID DUNCAN	SRO (SE)	<i>David Duncan</i>	11-7-07	David Duncan	2/6/08 via Telecom

NOTES:

1. Pre-Examination

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2. Post-Examination

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the week(s) of 1-28-08. From the date that I entered into this security agreement until the completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing examinations, except as specifically noted below and authorized by the NRC.

	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	William Meath	written Validator	<i>William Meath</i>	11/9/07	William Meath	2/5/08	via Telecom
2.	Jeffrey Clements	WRITTEN VALIDATION	<i>Jeffrey Clements</i>	11-10-07	Jeffrey Clements	2/7/08	via Telecom
3.	JIM KONRAD	WRITTEN VALIDATION	<i>Jim Konrad</i>	11-10-07	Jim Konrad	2/7/08	via Telecom
4.	T. Sampson	written validation	<i>T. Sampson</i>	11/11/07	T. Sampson	2/6/08	via Telecom
5.	J. Parent	JPM's / written	<i>J. Parent</i>	11/13/07	J. Parent	2/7/08	via Telecom
6.	P. Heucker	sim / JPM's	<i>P. Heucker</i>	11/14/07	P. Heucker	2/6/08	via Telecom
7.	J. Rivet	sim / JPM's	<i>J. Rivet</i>	11-14-07	J. Rivet	2/7/08	via Telecom
8.	D. COSED	LOR LOAD	<i>D. Cozed</i>	12/14/07	JPM	2/5/08	
9.	K. McMahon	Shift Manager	<i>Kevin McMahon</i>	12/27/07	Kevin McMahon	2/6/08	via Telecom
10.	M. Adams	SHIFT MANAGER	<i>Mark Adams</i>	1/8/08	Mark Adams	2/7/08	via Telecom
11.	R. Wikin	sim / JPM's	<i>Richard Wikin</i>	1/8/08	Richard Wikin	2/7/08	via Telecom
12.	M. Donigan	Software Simulator	<i>M. Donigan</i>	1/8/08	M. Donigan	2/5/08	
13.	M. Kirkland	RXE	<i>Matthew Kirkland</i>	1/8/08	Matthew Kirkland	2/5/08	via Telecom
14.	Grand Gorber	RP specialist	<i>Grand Gorber</i>	1/10/08	Grand Gorber	2/5/08	
15.	Suzanne Keith	SM	<i>Suzanne Keith</i>	1/30/08	Suzanne Keith	2/6/08	via Telecom

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 1/22/08 as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security may have been compromised.

2. Post-Examination

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	Jerome Flint	Specialist/Licensing	<i>[Signature]</i>	1/30/08	Jerome Flint	2/5/08	via telecon
2.	Scott Schaus	Asst. Sp. Trng	<i>[Signature]</i>	1/30/08	<i>[Signature]</i>	2/5/08	
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NOTES:

Tier / Group	Randomly Selected K/A	Reason for Rejection
1 / 1	295027 / EK2.03	Fermi-2 is equipped with a Mark I Drywell / Torus. Mark III Containment is NA. Kept same Statement number. Randomly reselected EPE 295031. (295031 EK2.03)
1 / 1	295021 / AK2.06	Fermi-2 RHR Head Spray is not used. Kept same APE number. Randomly reselected statement AK2.07 (295021 AK2.07)
1 / 1	295028 / EA1.04	Double Jeopardy with 295010 / AA2.06. Both randomly selected topics relate Drywell Temperature and Pressure. Kept same EPE 295028. Randomly reselected statement EA1.01 (295028 EA1.01)
1 / 1	295004 / 2.2.4	Fermi-2 is a Single Unit plant. Multi-unit KA Statement is NA. Kept same APE 295004, randomly reselected Statement 2.2.25. (295004 2.2.25)
1 / 1	295024 / EA2.07	Fermi-2 is equipped with a Mark I Drywell / Torus. Mark III Containment is NA. Kept same EPE number. Randomly reselected statement EA2.01 (295024 EA2.01)
1 / 1	600000 / 2.2.40	Plant Fire On Site – Ability to apply Technical Specifications for a System is not relevant. Kept same APE. Randomly reselected statement 2.4.41 (600000 2.4.41)
2 / 1	215003 / 2.4.30	Low Operational Validity. Intermediate Range Monitors have no conditions which require an RO to notify organizations or agencies. Kept same System number. Randomly reselected statement 2.4.31. (215003 2.4.31)
2 / 1	262002 / A1.02	Fermi-2 Uninterruptible Power Supplies do not include Motor Generators. Only remaining A1 statement in 262002 has RO Importance below 2.5. Kept same Statement number. Randomly reselected System 203000. (203000 A1.02)
2 / 1	239002 / K5.06	Double Jeopardy with 239002 / K6.05. Both randomly selected topics involve SRV Tailpipe Vacuum Breaker operation. Kept same System 239002. Randomly reselected statement K5.04 (239002 K5.04)
2 / 1	207000 / 2.1.23	Fermi-2 is not equipped with an Isolation Condenser. Kept same Statement number. Randomly reselected System 223002. (223002 2.1.23)
2 / 1	207000 / A2.06	Fermi-2 is not equipped with an Isolation Condenser. Kept same Statement number. Randomly reselected System 218000. (218000 A2.06)
2 / 2	239003 / A1.07	Fermi-2 MSIV-LCS is abandoned in place. Kept same statement number. Randomly reselected System 201001. (201001 A1.07)
2 / 2	239003 / 2.1.23	Fermi-2 MSIV-LCS is abandoned in place. 2.1.23 is previously used on SRO System 223002. Randomly reselected System and statement (223001 2.1.20)

2 / 2	219000 / 2.4.23	Statement 2.4.23 is not specified in NUREG 1021 (SUP1) ES-401 page 4 of 34 as an appropriate Tier 1 or 2 Generic. Randomly reselected statement 2.4.11. (219000 2.4.11)
3	2.3.13	Double Jeopardy for SRO candidates, same Tier 3 Generic selected on RO exam. Randomly reselected statement 2.3.4 (Generic 2.3.4)

Facility: <u>Fermi-2</u>		Date of Exam: <u>2/1/08</u>		Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<i>LB</i>	<i>TR</i>	<i>JZ MGB</i>		
2. Answer key changes and question deletions justified and documented	<i>LB</i>	<i>TR</i>	<i>JZ MGB</i>		
3. Applicants' scores checked for addition errors (reviewers spot check >25% of examinations)	<i>LB</i>	<i>TR</i>	<i>JZ MGB</i>		
4. Grading for all borderline cases (80% ± 2% overall and 70 or 80, as applicable, ± 4% on the SRO-only) reviewed in detail	<i>LB</i>	<i>TR</i>	<i>JZ MGB</i>		
5. All other failing examinations checked to ensure that grades are justified	<i>N/A</i>	<i>N/A</i>	<i>JZ MGB</i>		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	<i>LB</i>	<i>TR</i>	<i>JZ MGB</i>		
		Printed Name / Signature		Date	
a. Author	<u>Lynn H. Barker</u>	<i>Lynn H. Barker</i>		<u>2/1/08</u>	
b. Facility Reviewer(*)	<u>Tony M. Roberts</u>	<i>Tony M. Roberts</i>		<u>2/4/08</u>	
c. NRC Chief Examiner(*)	<u>David Wheeler</u>	<i>David Wheeler</i>	<u>Michael Bielby</u>	<i>Michael Bielby</i>	<u>2/2/08</u>
d. NRC Supervisor(*)	<u>Hirovon Peterson</u>	<i>Hirovon Peterson</i>		<i>Billy</i>	<u>3/3/08</u>
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					