

**APPENDIX I****Operations Branch Assignment Check Sheet:**  
(Includes ES-201-1 & ES-501-1 Rev. 8 information)

as of: 12/19/00

Chief: M MURPHY

Facility/Task: GG IN

Task Start Date: 6/4/01

ITEM DESCRIPTION		DUE DATE	INIT	DATE
0	Exam/Inspection Schedule Agreement	Dec 6, 2000	JLP	12/19/2000
1	NRC Staff & Fac. Contact Assigned	Dec 6, 2000	JLP	12/19/2000
2	Facility contact briefed on security & other issues	Dec 6, 2000	JLP	12/19/2000
3	Corp. Notification Letter Sent	Dec 6, 2000	<i>JLP</i>	<i>1/11/01</i>
3a	Inspection Announcement Letter Sent (PIR & LORT if req'd)	Apr 20, 2001	<i>N/A</i>	<i>N/A</i>
4	Task Expectations, Issues, & Standards Discussed w/ BC	Mar 6, 2001	<i>AT</i>	<i>4/17/01</i>
5	[Reference Material Due]	Feb 4, 2001	<i>N/A</i>	<i>N/A</i>
6	Integrated Exam Outlines Due	Feb 4, 2001	<i>JLP</i>	<i>2/12/01</i>
7	Outlines reviewed by NRC & Feedback Sent	Feb 18, 2001	<i>JLP</i>	<i>2/16/01</i>
8	Preliminary Applications Due	May 5, 2001	<i>JLP</i>	<i>5/5/01</i>
9	Draft Exams w/ Doc./Ref. Due	Apr 5, 2001	<i>JLP</i>	<i>4/6/01</i>
10*	Independent Reviewer Initials As Reviewed All Parts	Apr 15, 2001	<i>M</i>	<i>4/16/01</i>
11*	NRC Supervisor. Initials Approving for Fac. Rev.	Apr 15, 2001	<i>AT</i>	<i>4/17/01</i>
12	Exams Reviewed w/ Fac.	<del>May 14</del> Apr 15, 2001	<i>JLP</i>	<i>5/16/01</i>
13	Final Appl. Due & Assign. Sheet Prepared	May 21, 2001	<i>JLP</i>	<i>5/21/01</i>
14*	NRC Supervisor Approved Final Exams	May 28, 2001	<i>AT</i>	<i>5/30/01</i>
15	Final Appl. Rec'd & Waivers Sent	May 28, 2001	<i>JLP</i>	<i>5/23/01</i>
16	Proctor Rules Reviewed w/ Fac. & Written Authorized	May 28, 2001	<i>JLP</i>	<i>5/30/01</i>
17	Exam/Insp Material to Team	May 28, 2001	<i>JLP</i>	<i>5/30/01</i>
18	Fac. graded exam & Comments Rec'd	Jun 16, 2001	<i>JLP</i>	<i>6/8/01</i>
19	NRC Written Grading Completed	Jun 19, 2001	<i>JLP</i>	<i>6/12/01</i>
20	Examiners Finished Grading Op. Tests	Jun 19, 2001	<i>JLP</i>	<i>6/18/01</i>
21	NRC Ch. Ex. Review Completed	Jun 29, 2001	<i>JLP</i>	<i>6/19/01</i>
22*	NRC BC Review Completed	Jun 30, 2001	<i>OLAP</i>	<i>07/18/01</i>
23	RPS/IP Examinees Updated Before Report Issued	Jul 5, 2001	<i>JLP</i>	<i>7/6/01</i>
24	License/Denials Signed & Report Issued	Jul 5, 2001	<i>JLP</i>	<i>7/17/01</i>
25	Package Closed Out	Jul 26, 2001	<i>JLP</i>	<i>7/18/01</i>
Final Inspection Report Issued, Exam Package to OLA, Facility. Contact Notified of Results				

\* Note Supervisor or Independent Reviewer initials required in for lines 10, 11, 14, &amp; 22.

[] Required NRC-auth. exams only for line 5.

Facility: <b>GRAND GULF NUCLEAR STATION</b>		Date of Examination: <b>June 4, 2001</b>		
Item	Task Description	Initials		
		a	b*	c
1. WRITTEN	a. Verify that the outline(s) fit(s) the appropriate model per ES-401.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 and whether all knowledge and ability categories are appropriately sampled.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	d. Assess whether the repetition from previous examination outlines is excessive.	<i>✓</i>	<i>AP</i>	<i>msf</i>
2. SIM	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, and major transients.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	b. Assess whether there are enough scenario sets (and spares) to test the projected number and mix of applicants in accordance with the expected crew composition and rotation schedule without compromising exam integrity; ensure each applicant can be tested using at least one new or significantly modified scenario, that no scenarios are duplicated from the applicants' audit test(s)*, and scenarios will not be repeated over successive days.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	c. To the extent possible, assess whether the outline(s) conform(s) with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D.	<i>✓</i>	<i>AP</i>	<i>msf</i>
3. W/T	a. Verify that: (1) the outline(s) contain(s) the required number of control room and in-plant tasks, (2) no more than 30% of the test material is repeated from the last NRC examination, (3)* no tasks are duplicated from the applicants' audit test(s), and (4) no more than 80% of any operating test is taken directly from the licensee's exam banks.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	b. Verify that: (1) the tasks are distributed among the safety function groupings as specified in ES-301, (2) one task is conducted in a low-power or shutdown condition, (3) 40% of the tasks require the applicant to implement an alternate path procedure, (4) one in-plant task tests the applicant's response to an emergency or abnormal condition, and (5) the in-plant walk-through requires the applicant to enter the RCA.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	c. Verify that the required administrative topics are covered, with emphasis on performance-based activities.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	d. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on successive days.	<i>✓</i>	<i>AP</i>	<i>msf</i>
4. GENERAL	a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	d. Check for duplication and overlap among exam sections.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	e. Check the entire exam for balance of coverage.	<i>✓</i>	<i>AP</i>	<i>msf</i>
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	<i>✓</i>	<i>AP</i>	<i>msf</i>
Printed Name / Signature		Date		
a. Author:	<i>Michael K. Rasch</i>	<i>Michael K. Rasch</i>	<i>2/8/2001</i>	
b. Facility Reviewer(*):	<i>Stephen Humphries</i>	<i>Stephen Humphries</i>	<i>2/8/2001</i>	
c. Chief Examiner:	<i>MICHAEL E. MURPHY</i>	<i>Michael E. Murphy</i>	<i>2/16/01</i>	
d. NRC Supervisor:	<i>Anthony Gody</i>	<i>Ant Gody</i>	<i>4/17/01</i>	
(*) Not applicable for NRC-developed examinations.				

Facility: <b>GRAND GULF NUCLEAR STATION</b>				Date of Exam: <b>JUNE 4, 2001</b> Exam Level: RO/SRO																	
Item Description				Initial																	
				a	b*	c#															
1.	Questions and answers technically accurate and applicable to facility			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
3.	RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
4.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate. <input type="checkbox"/> the audit exam was systematically and randomly developed; or <input type="checkbox"/> the audit exam was completed before the license exam was started; or <input checked="" type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> the license exam was prepared by the NRC			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
5.	Bank use meets limits (no more than 50 percent from the bank, at least 10 percent new, and the rest modified); enter the actual question distribution at right	Bank	Modified	New	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
		36	5	59																	
6.	Between 50 and 60 percent of the questions on the exam (including 10 new questions) are written at the comprehension/analysis level; enter the actual question distribution at right	Memory	C/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
		48	52																		
7.	References/handouts provided do not give away answers			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
8.	Question content conforms with specific K/A statements in the previously approved examination outline; deviations are justified			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
9.	Question psychometric quality and format meet ES, Appendix B, guidelines			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
10.	The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
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Note: * The facility reviewer's signature is not applicable for NRC-developed examinations; two independent NRC reviews are required. # See special instructions (Section E.2.c) for Items 1, 5, and 8.																					

Facility: <b>GRAND GULF NUCLEAR STATION</b>				Date of Exam: <b>JUNE 4, 2001</b> Exam Level: <b>RO/SRO</b>																	
Item Description				Initial																	
				A	b*	c#															
1.	Questions and answers technically accurate and applicable to facility			<i>ml</i>	<i>df</i>	<i>man</i>															
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			<i>ml</i>	<i>df</i>	<i>man</i>															
3.	RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401			<i>ml</i>	<i>df</i>	<i>man</i>															
4.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate. <input type="checkbox"/> the audit exam was systematically and randomly developed; or <input type="checkbox"/> the audit exam was completed before the license exam was started; or <input checked="" type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> the license exam was prepared by the NRC			<i>ml</i>	<i>df</i>	<i>man</i>															
5.	Bank use meets limits (no more than 50 percent from the bank, at least 10 percent new, and the rest modified); enter the actual question distribution at right	Bank <b>40</b>	Modified <b>6</b>	New <b>54</b>	<i>ml</i>	<i>df</i>															
6.	Between 50 and 60 percent of the questions on the exam (including 10 new questions) are written at the comprehension/analysis level; enter the actual question distribution at right	Memory <b>49</b>		C/A <b>51</b>	<i>ml</i>	<i>df</i>															
7.	References/handouts provided do not give away answers			<i>ml</i>	<i>df</i>	<i>man</i>															
8.	Question content conforms with specific K/A statements in the previously approved examination outline; deviations are justified			<i>ml</i>	<i>df</i>	<i>man</i>															
9.	Question psychometric quality and format meet ES, Appendix B, guidelines			<i>ml</i>	<i>df</i>	<i>man</i>															
10.	The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet			<i>ml</i>	<i>df</i>	<i>man</i>															
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Facility: <b>GRAND GULF NUCLEAR STATION</b>		Date of Examination: <b>06/04/2001 – 06/08/2001</b>		
<b>1. GENERAL CRITERIA</b>		Initials		
		a	b	C
a.	The operating test conforms with the previously approved outline; changes are consistent with sampling requirements (e.g., 10 CFR 55.45, operational importance, safety function distribution).	<i>W</i>	<i>AF</i>	<i>2nd</i>
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	<i>W</i>	<i>AF</i>	<i>2nd</i>
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).	<i>W</i>	<i>AF</i>	<i>N/A</i>
d.	Overlap with the written examination and between operating test categories is within acceptable limits.	<i>W</i>	<i>AF</i>	<i>2nd</i>
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	<i>W</i>	<i>AF</i>	<i>2nd</i>
<b>2. WALK-THROUGH (CATEGORY A &amp; B) CRITERIA</b>				
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> <li>initial conditions</li> <li>initiating cues</li> <li>references and tools, including associated procedures</li> <li>validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee</li> <li>specific performance criteria that include: <ul style="list-style-type: none"> <li>detailed expected actions with exact criteria and nomenclature</li> <li>system response and other examiner cues</li> <li>statements describing important observations to be made by the applicant</li> <li>criteria for successful completion of the task</li> <li>identification of critical steps and their associated performance standards</li> <li>restrictions on the sequence of steps, if applicable</li> </ul> </li> </ul>	<i>W</i>	<i>AF</i>	<i>2nd</i>
b.	The prescribed questions in Category A are predominantly open reference and meet the criteria in Attachment 1 of ES-301.	<i>W</i>	<i>AF</i>	<i>2nd</i>
c.	Repetition from operating tests used during the previous licensing examination is within acceptable limits (30% for the walk-through) and do not compromise test integrity.	<i>W</i>	<i>AF</i>	<i>2nd</i>
d.	At least 20 percent of the JPMs on each test are new or significantly modified.	<i>W</i>	<i>AF</i>	<i>2nd</i>
<b>3. SIMULATOR (CATEGORY C) CRITERIA</b>				
a.	The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.	<i>W</i>	<i>AF</i>	<i>2nd</i>
Printed Name / Signature a. Author <u>Michael K Rasch</u> <i>Michael K Rasch</i>		Date <u>4/4/2001</u>		
b. Facility Reviewer(*) <u>Stephen Humphries</u> <i>Stephen Humphries</i>		Date <u>4/5/2001</u>		
c. NRC Chief Examiner (*) <u>M. E. Murphy</u> <i>M. E. Murphy</i>		Date <u>4/17/01</u>		
d. NRC Supervisor (*) <u>Anthony Gody</u> <i>Anthony Gody</i>		Date <u>4/17/01</u>		
(*) The facility signature is not applicable for NRC-developed tests; two independent NRC reviews are required.				

Facility: **GRAND GULF NUCLEAR STATION** Date of Exam: **06/04/2001 – 06/08/2001**Scenario Numbers: **1 / 2 / 3**

QUALITATIVE ATTRIBUTES		Initials		
		a	b	c
1.	The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events.	<i>ml</i>	<i>df</i>	<i>ms</i>
2.	The scenarios consist mostly of related events.	<i>ml</i>	<i>df</i>	<i>ms</i>
3.	Each event description consists of <ul style="list-style-type: none"> <li>the point in the scenario when it is to be initiated</li> <li>the malfunction(s) that are entered to initiate the event</li> <li>the symptoms/cues that will be visible to the crew</li> <li>the expected operator actions (by shift position)</li> <li>the event termination point (if applicable)</li> </ul>	<i>ml</i>	<i>df</i>	<i>ms</i>
4.	No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event.	<i>ml</i>	<i>df</i>	<i>ms</i>
5.	The events are valid with regard to physics and thermodynamics.	<i>ml</i>	<i>df</i>	<i>ms</i>
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	<i>ml</i>	<i>df</i>	<i>ms</i>
7.	If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given.	<i>ml</i>	<i>df</i>	<i>ms</i>
8.	The simulator modeling is not altered.	<i>ml</i>	<i>df</i>	<i>ms</i>
9.	The scenarios have been validated. Any open simulator performance deficiencies have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.	<i>ml</i>	<i>df</i>	<i>ms</i>
10.	Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.4 of ES-301.	<i>ml</i>	<i>df</i>	<i>ms</i>
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	<i>ml</i>	<i>df</i>	<i>ms</i>
12.	Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios).	<i>ml</i>	<i>df</i>	<i>ms</i>
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>ml</i>	<i>df</i>	<i>ms</i>
<b>TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D)</b>		<b>1</b>	<b>2</b>	<b>3</b>
		Actual Attributes		
1.	Total malfunctions (5-8)	6 / 6 / 7	<i>ml</i>	<i>df</i>
2.	Malfunctions after EOP entry (1-2)	2 / 2 / 3	<i>ml</i>	<i>df</i>
3.	Abnormal events (2-4)	3 / 3 / 2	<i>ml</i>	<i>df</i>
4.	Major transients (1-2)	1 / 1 / 1	<i>ml</i>	<i>df</i>
5.	EOPs entered/requiring substantive actions (1-2)	2 / 2 / 2	<i>ml</i>	<i>df</i>
6.	EOP contingencies requiring substantive actions (0-2)	1 / 1 / 2	<i>ml</i>	<i>df</i>
7.	Critical tasks (2-3)	5 / 2 / 2	<i>ml</i>	<i>df</i>

Facility: **GRAND GULF NUCLEAR STATION** Date of Exam: **06/04/2001 – 06/08/2001**Scenario Numbers: **4 Backup**

QUALITATIVE ATTRIBUTES		Initials		
		a	b	c
1.	The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events.	<i>ml</i>	<i>df</i>	<i>msmt</i>
2.	The scenarios consist mostly of related events.	<i>ml</i>	<i>df</i>	<i>msmt</i>
3.	Each event description consists of <ul style="list-style-type: none"> <li>the point in the scenario when it is to be initiated</li> <li>the malfunction(s) that are entered to initiate the event</li> <li>the symptoms/cues that will be visible to the crew</li> <li>the expected operator actions (by shift position)</li> <li>the event termination point (if applicable)</li> </ul>	<i>ml</i>	<i>df</i>	<i>msmt</i>
4.	No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event.	<i>ml</i>	<i>df</i>	<i>msmt</i>
5.	The events are valid with regard to physics and thermodynamics.	<i>ml</i>	<i>df</i>	<i>msmt</i>
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	<i>ml</i>	<i>df</i>	<i>msmt</i>
7.	If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given.	<i>ml</i>	<i>df</i>	<i>msmt</i>
8.	The simulator modeling is not altered.	<i>ml</i>	<i>df</i>	<i>msmt</i>
9.	The scenarios have been validated. Any open simulator performance deficiencies have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.	<i>ml</i>	<i>df</i>	<i>msmt</i>
10.	Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.4 of ES-301.	<i>ml</i>	<i>df</i>	<i>msmt</i>
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	<i>ml</i>	<i>df</i>	<i>msmt</i>
12.	Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios).	<i>ml</i>	<i>df</i>	<i>msmt</i>
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>ml</i>	<i>df</i>	<i>msmt</i>
<b>TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D)</b>		<b>4</b>		
	Actual Attributes			
1.	Total malfunctions (5-8)	<b>5 / /</b>	<i>ml</i>	<i>df</i>
2.	Malfunctions after EOP entry (1-2)	<b>2 / /</b>	<i>ml</i>	<i>df</i>
3.	Abnormal events (2-4)	<b>2 / /</b>	<i>ml</i>	<i>df</i>
4.	Major transients (1-2)	<b>1 / /</b>	<i>ml</i>	<i>df</i>
5.	EOPs entered/requiring substantive actions (1-2)	<b>2 / /</b>	<i>ml</i>	<i>df</i>
6.	EOP contingencies requiring substantive actions (0-2)	<b>1 / /</b>	<i>ml</i>	<i>df</i>
7.	Critical tasks (2-3)	<b>4 / /</b>	<i>ml</i>	<i>df</i>

Facility: **GRAND GULF NUCLEAR STATION** Date of Exam: **06/04/2001 – 06/08/2001**Scenario Numbers: **4 / 5 Backups**

QUALITATIVE ATTRIBUTES		Initials		
		a	b	c
1.	The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events.	✓	df	df
2.	The scenarios consist mostly of related events.	✓	df	df
3.	Each event description consists of <ul style="list-style-type: none"> <li>the point in the scenario when it is to be initiated</li> <li>the malfunction(s) that are entered to initiate the event</li> <li>the symptoms/cues that will be visible to the crew</li> <li>the expected operator actions (by shift position)</li> <li>the event termination point (if applicable)</li> </ul>	na	na	na
4.	No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event.	✓	df	df
5.	The events are valid with regard to physics and thermodynamics.	✓	df	df
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	✓	df	df
7.	If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given.	✓	df	df
8.	The simulator modeling is not altered.	✓	df	df
9.	The scenarios have been validated. Any open simulator performance deficiencies have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.			df
10.	Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.4 of ES-301.	✓	df	df
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	✓	df	df
12.	Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios).	✓	df	df
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	✓	df	df
<b>TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D)</b>		<b>4</b>	<b>5</b>	
		Actual Attributes		
1.	Total malfunctions (5-8)	6 / 5 /	✓	df
2.	Malfunctions after EOP entry (1-2)	2 / 1 /	✓	df
3.	Abnormal events (2-4)	2 / 2 /	✓	df
4.	Major transients (1-2)	1 / 1 /	✓	df
5.	EOPs entered/requiring substantive actions (1-2)	2 / 1 /	✓	df
6.	EOP contingencies requiring substantive actions (0-2)	1 / 1 /	✓	df
7.	Critical tasks (2-3)	4 / 2 /	✓	df



## GRAND GULF NUCLEAR STATION

DATES: 06/04/2001 – 06/08/2001

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			ATC 1	BOP 2		TOTAL
RO 1,3,5,7	Reactivity	1	1	0		1
	Normal	1	0	1		1
	Instrument/Component	4	3	4		7
	Major	1	1	1		2

As RO	Reactivity	1				
	Normal	0				
	Instrument/Component	2				
	Major	1				
SRO-I						
As SRO	Reactivity	0				
	Normal	1				
	Instrument/Component	2				
	Major	1				

SRO-U	Reactivity	0				
	Normal	1				
	Instrument/Component	2				
	Major	1				

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.4.d) but must be significant per Section C.2.a of Appendix D.
- (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward minimum requirement.

Author:

Chief Examiner:

Revision 0 1/31/2001

NUREG 1021, REVISION 8 SUPPLEMENT 1

## GRAND GULF NUCLEAR STATION

DATES: 06/04/2001 – 06/08/2001

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			BOP 1	ATC 2		TOTAL
RO 2,4,6	Reactivity	1	0	1		1
	Normal	1	1	1		2
	Instrument/Component	4	4	3		7
	Major	1	1	1		2

As RO	Reactivity	1				
	Normal	0				
	Instrument/Component	2				
	Major	1				
SRO-I	Reactivity	0				
	Normal	1				
	Instrument/Component	2				
	Major	1				

SRO-U	Reactivity	0				
	Normal	1				
	Instrument/Component	2				
	Major	1				

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (4) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.4.d) but must be significant per Section C.2.a of Appendix D.
- (5) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward minimum requirement.

Author:

Chief Examiner:

Revision 0 1/31/2001

NUREG 1021, REVISION 8 SUPPLEMENT 1

## GRAND GULF NUCLEAR STATION

DATES: 06/04/2001 – 06/08/2001

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
				ATC 2	BOP 3	TOTAL
RO 8	Reactivity	1		1	0	1
	Normal	1		1	0	1
	Instrument/ Component	4		3	3	6
	Major	1		1	1	2
As RO	Reactivity	1				
	Normal	0				
	Instrument/ Component	2				
	Major	1				
SRO-I	Reactivity	0				
	Normal	1				
	Instrument/ Component	2				
	Major	1				
SRO-U	Reactivity	0				
	Normal	1				
	Instrument/ Component	2				
	Major	1				

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
  - (6) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.4.d) but must be significant per Section C.2.a of Appendix D.
  - (7) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward minimum requirement.

Author:

Chief Examiner:

Revision 0 1/31/2001

NUREG 1021, REVISION 8 SUPPLEMENT 1

## GRAND GULF NUCLEAR STATION

DATES: 06/04/2001 – 06/08/2001

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			SS 1		ATC 3	TOTAL
RO	Reactivity	1				
	Normal	1				
	Instrument/ Component	4				
	Major	1				
<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-right: 10px;">SRO-I</div> <div> <div>As RO</div> <div>As SRO</div> </div> </div>	Reactivity	1			1	1
	Normal	0			1	1
	Instrument/ Component	2			2	2
	Major	1			1	1
	Reactivity	0	0			0
	Normal	1	1			1
	Instrument/ Component	2	5			5
	Major	1	1			1
SRO-U	Reactivity	0				
	Normal	1				
	Instrument/ Component	2				
	Major	1				

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.4.d) but must be significant per Section C.2.a of Appendix D.
- (9) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward minimum requirement.

Author:

Chief Examiner:

Revision 0 1/31/2001

NUREG 1021, REVISION 8 SUPPLEMENT 1

## GRAND GULF NUCLEAR STATION

DATES: 06/04/2001 – 06/08/2001

Applicant Type	Evolution Type	Minimum Number	BACKUP SCENARIOS			
			Scenario Number			
			4	5		
RO ATC	Reactivity		1	1		
	Normal		0	1		
	Instrument/ Component		2	1		
	Major		1	1		
As RO BOP	Reactivity		0	0		
	Normal		1	0		
	Instrument/ Component		2	2		
	Major		1	1		
SRO-I  As SRO SS	Reactivity		0	0		
	Normal		1	1		
	Instrument/ Component		4	3		
	Major		1	1		
SRO-U	Reactivity					
	Normal					
	Instrument/ Component					
	Major					

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
  - (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.4.d) but must be significant per Section C.2.a of Appendix D.
  - (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirements.

Author:

Chief Examiner:

*[Signature]*

*[Signature]*

Grand Gulf Nuclear Station

Dates 6/4/2001 – 6/8/2001

Competencies	Applicant #1 RO/SRO-I/SRO-U			Applicant #2 RO/SRO-I/SRO-U			Applicant #3 RO/SRO-I/SRO-U		
	SCENARIO			SCENARIO			SCENARIO		
	ATC 1	BOP 2		BOP 1	ATC 2				
Understand and Interpret Annunciators and Alarms	3, 4, 5, 6, 7	1, 3, 4, 5, 6		4, 5, 7	2, 3, 4, 5, 6				
Diagnose Events and Conditions	3, 4, 5, 7	5, 6		4, 5, 7	3, 4, 5, 6				
Understand Plant and System Response	1, 3, 4, 5, 7	1, 3, 5, 6		4, 5, 7	2, 3, 4, 5, 6				
Comply With and Use Procedures (1)	ALL	ALL		ALL	ALL				
Operate Control Boards (2)	1, 3, 4, 5, 6, 7	1, 3, 5, 6		1, 2, 4, 5, 7	2, 3, 4, 5, 6				
Communicate and Interact With the Crew	ALL	ALL		ALL	ALL				
Demonstrate Supervisory Ability (3)	N/A	N/A		N/A	N/A				
Comply With and Use Tech. Specs. (3)	N/A	N/A		N/A	N/A				

## Notes:

- (1) Includes Technical Specification compliance for an RO.
- (2) Optional for an SRO-U.
- (3) Only applicable to SROs.
- (4) Only applicable to RO positions at GGNS.

## Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

Chief Examiner:

Grand Gulf Nuclear Station

Dates 6/4/2001 – 6/8/2001

Competencies	Applicant #1 RO/SRO-I/SRO-U			Applicant #2 RO/SRO-I/SRO-U			Applicant #3 RO/SRO-I/SRO-U		
	SCENARIO			SCENARIO			SCENARIO		
	ATC 1	BOP 2		ATC 2	BOP 3		SS 1		ATC 3
Understand and Interpret Annunciators and Alarms	3, 4, 5, 6, 7	1, 3, 4, 5, 6		2, 3, 4, 5, 6	4, 5		3, 4, 5		2, 3, 5
Diagnose Events and Conditions	3, 4, 5, 7	5, 6		3, 4, 5, 6	4, 5		3, 4, 5, 6, 7		3, 5
Understand Plant and System Response	1, 3, 4, 5, 7	1, 3, 5, 6		2, 3, 4, 5, 6	3, 4, 5		1, 3, 4, 5, 6, 7		1, 2, 3, 5
Comply With and Use Procedures (1)	ALL	ALL		ALL	ALL		ALL		ALL
Operate Control Boards (2)	1, 3, 4, 5, 6, 7	1, 3, 5, 6		2, 3, 4, 5, 6	3, 4, 5		N/A (4)		1, 2, 3, 5
Communicate and Interact With the Crew	ALL	ALL		ALL	ALL		ALL		ALL
Demonstrate Supervisory Ability (3)	N/A	N/A		N/A	N/A		ALL		N/A
Comply With and Use Tech. Specs. (3)	N/A	N/A		N/A	N/A		3		N/A

## Notes:

- (1) Includes Technical Specification compliance for an RO.
- (2) Optional for an SRO-U.
- (3) Only applicable to SROs.
- (4) Only applicable to RO positions at GGNS.

## Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

Chief Examiner:

*[Signature]*  
*[Signature]*

Grand Gulf Nuclear Station

Dates 6/4/2001 – 6/8/2001

BACKUP SCENARIOS  Competencies	Applicant #1 RO/SRO-I/SRO-U		Applicant #2 RO/SRO-I/SRO-U		Applicant #3 RO/SRO-I/SRO-U	
	SCENARIO		SCENARIO		SCENARIO	
	ATC 4	ATC 5	BOP 4	BOP 5	SS 4	SS 5
Understand and Interpret Annunciators and Alarms	3, 4, 5, 6	ALL	2, 4, 6	4, 5	2, 3, 4, 5, 6	ALL
Diagnose Events and Conditions	3, 4, 6	3, 5	4, 6	4, 5	3, 4, 6	3, 4, 5
Understand Plant and System Response	1, 3, 5, 6	ALL	2, 4, 6	4, 5	3, 4, 6	ALL
Comply With and Use Procedures (1)	ALL	ALL	ALL	ALL	ALL	ALL
Operate Control Boards (2)	1, 3, 5, 6	1, 2, 3, 5	2, 4, 6	4, 5	N/A	N/A
Communicate and Interact With the Crew	ALL	ALL	ALL	ALL	ALL	ALL
Demonstrate Supervisory Ability (3)	N/A	N/A	N/A	N/A	ALL	ALL
Comply With and Use Tech. Specs. (3)	N/A	N/A	N/A	N/A	NONE	3, 4

Notes:

(1) Includes Technical Specification compliance for an RO.  
 (2) Optional for an SRO-U.  
 (3) Only applicable to SROs.  
 (4) Only applicable to RO positions at GGNS.

## Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

Chief Examiner:

*Michael*  
*James R. Murphy*



Facility: <u>GRAND GULF Nuclear Station</u> Date of Exam: <u>June 1, 2001</u> Exam Level: RO/SRO			
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	ML	AP	not
2. Answer key changes and question deletions justified and documented	ML	AP	N/A
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	ML	AP	not
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	N/A ML	N/A AP	N/A
5. All other failing examinations checked to ensure that grades are justified	N/A ML	N/A AP	N/A not
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	ML	AP	not
Printed Name / Signature		Date	
a. Grader	<u>Michael K. Rasch</u> <i>Michael Rasch</i>	<u>6/6/2001</u>	
b. Facility Reviewer(*)	<i>[Signature]</i>	<u>6/8/2001</u>	
c. NRC Chief Examiner (*)	<u>M.E. Murphy</u> <i>M.E. Murphy</i>	<u>6/11/01</u>	
d. NRC Supervisor (*)	<u>DALE POWERS</u> <i>dale Powers</i>	<u>6/18/01</u>	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			

Facility: <u>GRAND GULF Nuclear Station</u> Date of Exam: <u>June 1, 2001</u> Exam Level: <u>RO/SRO</u>			
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	<i>ML</i>	<i>HP</i>	<i>ML</i>
2. Answer key changes and question deletions justified and documented	<i>ML</i>	<i>HP</i>	<i>N/A</i>
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<i>ML</i>	<i>HP</i>	<i>ML</i>
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	<i>N/A</i> <i>ML</i>	<i>N/A</i> <i>HP</i>	<i>N/A</i> <i>ML</i>
5. All other failing examinations checked to ensure that grades are justified	<i>N/A</i> <i>ML</i>	<i>N/A</i> <i>HP</i>	<i>N/A</i> <i>ML</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>ML</i>	<i>HP</i>	<i>ML</i>
Printed Name / Signature		Date	
a. Grader	<u>Michael K. Rasch</u> <i>Michael K. Rasch</i>	<u>6/6/2001</u>	
b. Facility Reviewer(*)	<u><i>[Signature]</i></u>	<u>6/8/2001</u>	
c. NRC Chief Examiner (*)	<u>M. E. Murphy</u> <i>M. E. Murphy</i>	<u>6/11/01</u>	
d. NRC Supervisor (*)	<u>DALE POWERS</u> <i>Dale Powers</i>	<u>6/18/01</u>	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			

07/18/2001 14:56:05

Report 21

## Operator Licensing Exam Schedule

From 10/01/2000 To 09/30/2001

Region: 4

Phase Code: 5 Operational

Exam Week	Site/Docket No./Insp Rpt #	# Candidates		Type	Exam Author	Chief Examiner	Examiners Assigned
10/01/2000	Grand Gulf / 05000416 / Procedure #: 7111111Q					DIXON-HERRITY, JENNIFER L.	ALTER, PETER J. DIXON-HERRITY, JENNIFER L.
12/18/2000	Grand Gulf / 05000416 /	RO - 2	SROI - 2	Admin	FFF	MURPHY, MICHAEL E.	MURPHY, MICHAEL E.
01/07/2001	Grand Gulf / 05000416 / Procedure #: 7111111Q					DIXON-HERRITY, JENNIFER L.	ALTER, PETER J. DIXON-HERRITY, JENNIFER L.
04/01/2001	Grand Gulf / 05000416 / 2001003 Procedure #: 7111111Q					HOEG, TIM	ALTER, PETER J. HOEG, TIM
05/07/2001	Grand Gulf / 05000416 / 2001301			Prep		MURPHY, MICHAEL E.	MURPHY, MICHAEL E.
06/04/2001	Grand Gulf / 05000416 / 2001301	RO - 8	SROI - 1	Admin	FFF	MURPHY, MICHAEL E.	MURPHY, MICHAEL E. SANCHEZ, ALFRED STETKA, THOMAS F.
07/01/2001	Grand Gulf / 05000416 / 2001004 Procedure #: 7111111Q					HOEG, TIM	ALTER, PETER J. HOEG, TIM
08/27/2001	Grand Gulf / 05000416 / 2001004 Procedure #: 7111111B					MURPHY, MICHAEL E.	MURPHY, MICHAEL E. STETKA, THOMAS F.
09/30/2001	Grand Gulf / 05000416 / 2001005 Procedure #: 7111111Q					HOEG, TIM	ALTER, PETER J. HOEG, TIM

Sites: GG

Orgs: ALL

Exam Author: ALL

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 6/4/2001 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. 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 6/4/2001. 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. Michael K. Rasch	Sr. OPS INST. Developer	<i>Michael Rasch</i>	1/22/2001	<i>Michael Rasch</i>	6/8/2001
2. Mims H. Bishop	OPS INSTRUCTOR DEVELOPER	<i>Hamilton Bishop</i>	1-27-2001	<i>Hamilton Bishop</i>	7-3-2001
3. Stephen Humphries	OPS COORDINATOR FACILITY REP	<i>Stephen Humphries</i>	1-30-2001	<i>Stephen Humphries</i>	6/10/2001
4. Robert Goldman	Sr. Lead Engineer/Software	<i>Robert E. Goldman</i>	7-6-2001	<i>Robert E. Goldman</i>	6/12/2001
5. Mickey Ellis	Control Room Supervisor VALIDATE	<i>Mickey Ellis</i>	3/6/01	<i>Mickey Ellis</i>	6/18/2001
6. David Killingsworth	R.O. VALIDATE	<i>David Killingsworth</i>	6/14/01	<i>David Killingsworth</i>	14 June 2001
7. Karen Burton	RO VALIDATE	<i>Karen Burton</i>	3/6/01	<i>Karen Burton</i>	6/14/01
8. Jeffrey Foster	RO VALIDATE	<i>Jeffrey Foster</i>	3/21/01	<i>Jeffrey Foster</i>	6-27-01
9. William Keith Gordon	Control Room Supt. VALIDATE	<i>William Keith Gordon</i>	3/21/01	<i>William Keith Gordon</i>	6/27/01
10. JAMES C. O'NEIL	RO VALIDATE	<i>James C. O'Neil</i>	3-21-01	<i>James C. O'Neil</i>	6-27-01
11. Frank Wehner	Shift Manager 'D' VALIDATE	<i>Frank Wehner</i>	3-21-01	<i>Frank Wehner</i>	6-27-01
12. Aline Griffin	I & C TECH / SIMULATOR MAINT.	<i>Aline Griffin</i>	3-29-01	<i>Aline Griffin</i>	6-11-01
13. Joey Stuckey	R.O. VALIDATE	<i>Joey Stuckey</i>	3-30-01	<i>Joey Stuckey</i>	6-11-01
14. Tom Ewing	SRO VALIDATE	<i>Tom Ewing</i>	3-30-01	<i>Tom Ewing</i>	6-14-01
15. Hardy Harris	SRO VALIDATE	<i>Hardy Harris</i>	4/3/01	<i>Hardy Harris</i>	7/3/2001

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 6/4/2001 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. 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 6/4/2001. 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)	DATENOTE
1. ALAN HOLBROOK	SRO / STA VALIDATE	<i>Alan Holbrook</i>	4/3/01	<i>Alan Holbrook</i>	6-21-01
2. Ricky Liddell	SRO / STA VALIDATE	<i>Ricky Liddell</i>	4/3/01	<i>Ricky Liddell</i>	6-14-01
3. JOHN P. WATKINS	RO VALIDATE	<i>John P. Watkins</i>	4/3/01	<i>John P. Watkins</i>	6-11-01
4. Steven Angel	RO VALIDATE	<i>Steven Angel</i>	4/3/01	<i>Steven Angel</i>	6-11-01
5. Ronald W. Hogue	RO VALIDATE	<i>Ronald W. Hogue</i>	4/4/01	<i>Ronald W. Hogue</i>	7-3-01
6. Scotty BEACH	NOB VALIDATE	<i>Scotty Beach</i>	5-7-01	<i>Scotty Beach</i>	6-18-01
7. S. A. ELLIOTT	RO VALIDATE	<i>S. A. Elliott</i>	5-15-01	<i>S. A. Elliott</i>	6-14-01
8. Thomas McIntyre	Trng. Supv. Sim/LOR Supv.	<i>Thomas McIntyre</i>	5-25-01	<i>Thomas McIntyre</i>	6-8-01
9. Steve Reeves	Sr. Ops Instructor	<i>Steve Reeves</i>	6/1/01	<i>Steve Reeves</i>	6/8/01
10. Shirley W. Williams	Perm. Specialist	<i>Shirley W. Williams</i>	6/4/01	<i>Shirley W. Williams</i>	6-11-01
11. CURTIS BUFORD	Sr Ops INSTR	<i>Curtis Buford</i>	6-4-01	<i>Curtis Buford</i>	6-11-01
12. Kyle Grillis	Ops Instr	<i>Kyle Grillis</i>	6-4-01	<i>Kyle Grillis</i>	6-11-01
13. Tommy HARRELSON	OPS INSTR	<i>J. Harrelson</i>	6-7-01	<i>J. Harrelson</i>	6-8-01
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