

APR -2 1992

Docket No. 50-458
License No. NPF-47

Gulf States Utilities
ATTN: James C. Deddens
Senior Vice President (RBNG)
P.O. Box 270
St. Francisville, Louisiana 70775

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

The purpose of this letter is to inform you of the topics discussed during a March 24, 1992 meeting held in the Region IV office regarding current issues in the licensed operator requalification program. We thank you and the members of your staff for their attendance. We believe that it is very beneficial for us to attempt to maintain a common ~~and~~ ^{and} ~~tand~~ ^{and}ing of the current program and the direction we are heading.

The material provided as hand-outs ~~at the meeting~~ is attached to this letter as enclosures, as is a list of attendees. ^{In} addition, one further enclosure is included as described below. The following topics were also discussed at the meeting.

- o Alternate Success Paths in Job Performance Measures.
- o Written examination item construction and grouping.
- o Characteristics of low cognitive level and low discriminatory value examination items.
- o Critical Task objective performance criteria for dynamic simulator scenarios and job performance measures.
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RIV:OLS
JLPellet/lb
2/7/92

D:DRS
SJCcollins
2/7/92

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V PDR

procedures affecting assurance of basic safety functions, those actions may form the basis of an emergent or post-administration critical task.

If you have any questions or comments, please feel free to contact me or John Pellet, Chief, Operator Licensing Section.

Sincerely,
Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:
Gulf States Utilities
ATTN: Dale Andrews, Nuclear
Training Director
P.O. Box 220
St. Francisville, Louisiana 70775

bcc w/enclosure:

bcc distrib. by RIV:

R. D. Martin	Section Chief (DRP/C)
RIV File	L. Hurley
L. Miller, TTC	DRS (J. L. Pellet)
D. Pickett, NRR Project Manager (MS: 13-H-15)	
Licensee & Debt Collection Branch, ATTN: Leah Tremper	
K. Kennedy	
bcc to DMB (IE42)	
Chief Examiner Reading File (L. Berger)	

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Sincerely,
Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:
Gulf States Utilities
ATTN: Daie Andrews, Nuclear
Training Director
P.O. Box 220
St. Francisville, Louisiana 70775

bcc w/enclosure:

bcc distrib. by RIV:

R. D. Martin	Section Chief (DRP/C)
RIV File	L. Hurley
L. Miller, TTC	DRS (J. L. Pellet)
D. Pickett, NRR Project Manager (MS: 13-H-15)	
Licensee & Debt Collection Branch, ATTN: Leah Tremper	
K. Kennedy	
bcc to DMB (IE42)	
Chief Examiner Reading File (L. Berger)	

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Sincerely,

Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:
Entergy Operations, Inc.
ATTN: Charles Toth, Training
Manager
P.O. Box 8
Killona, Louisiana 7006

Entergy Operations, Inc.
ATTN: L. W. Laughlin, Licensing Manager
P.O. Box 822
Killona, Louisiana 70066

bcc w/enclosure:

bcc distrib. by RIV:
Section chief (DRP/A) DRS (J. L. Pellet)
R. D. Martin RIV File
L. Hurley L. Miller, TTC
D. Wigginton, NRR Project Manager (MS: 11-D-23)
Licensee & Debt Collection Branch, ATTN: Leah Tremper
K. Kennedy
~~bcc to DMC (1E42)~~
Chief Examiner Reading File

APR - 2 1992

Docket No. 50-382
License No. NPF-38

Entergy Operations, Inc.
ATTN: Ross P. Barkhurst, Vice President
Operations, Waterford
P.O. Box B
Killona, Louisiana 70066

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

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RIV COOLS Sec
JLP/let/lb
4/2/92

D:DRS
SJC/llns
4/2/92

Entergy Operations, Inc.

-2-

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Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:

Entergy Operations, Inc.
ATTN: Charles Toth, Training
Manager

P.O. Box B
Killona, Louisiana 7006

Entergy Operations, Inc.

ATTN: L. W. Laughlin, Licensing Manager
P.O. Box 822
Killona, Louisiana 70066

bcc w/enclosure:

bcc distrib. by RIV:

Section chief (DRP/A)

R. D. Martin

L. Hurley

D. Wigginton, NRR Project Manager (MS: 11-D-23)

Licensee & Debt Collection Branch, ATTN: Leah Tremper

K. Kennedy

bcc to DMB (IE42)

Chief Examiner Reading File

DRS (J. L. Pellet)

RIV File

L. Miller, TTC

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Sincerely,

Original Signed By:

Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:

Omaha Public Power District

ATTN: J. K. Gasper, Manager
Training

P.O. Box 399

Fort Calhoun, Nebraska 68023

bcc w/enclosure:

bcc to distrib. by RIV:

R. D. Martin, RA

RIV File

L. Hurley

W. Walker, NRR Project Manager (MS: 11-D-23)

Licensee & Debt Collection Branch, ATTN: Leah Tremper

K. Kennedy

~~bcc to DMB (IE4z)~~

Chief Examiner Reading File

Section chief (DRP/C)

DRS (J. L. Pellet)

L. Miller, TTC

APR - 2 1992

Docket No. 50-285
License No. DPR-40

Omaha Public Power District
ATTN: W. G. Gates, Division Manager
Nuclear Operations
444 South 16th Street Mall
Mail Stop 8E/EP4
Omaha, Nebraska 68102-2247

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

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JLPellet/lb
6/2/92

D.DRS
SJCollins
6/2/92

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Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:

Omaha Public Power District
ATTN: J. K. Gasper, Manager
Training

P.O. Box 399
Fort Calhoun, Nebraska 68023

bcc w/enclosure:

bcc to distrib. by RIV:

R. D. Martin, RA

RIV File

L. Hurley

W. Walker, NRR Project Manager (MS: 11-D-23)

Licensee & Debt Collection Branch, ATTN: Leah Tremper

K. Kennedy

bcc to DMB (IE42)

Chief Examiner Reading File

Section chief (DRP/C)

DRS (J. L. Pellet)

L. Miller, TTC

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Sincerely,

Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:

TU Electric

ATTN: Jerry McMahon, Director
Nuclear Training

F.O. Box 1002

Glen Rose, Texas 76043-1147

bcc w/enclosure:

bcc to dist. by RIV:

R. D. Martin, RA

RIV File

DRS (J. L. Pellet)

CPPD:OSP Reading (MS: 7-H-17)

M. Fields, NRR Project Manager (13-H-15) Licensee & Debt Collection Branch, ATTN:

Leah Tremper

bcc to DMB (IE42)

Chief Examiner Reading File (L. Berger)

Resident Office

L. Miller, TTC

L. Hurley

J. Keeton

APR - 2 1992

Docket Nos. 50-445
50-446
License No. NPF-87
Construction Permit No. CPPR-127

TU Electric
ATTN: W. J. Cahill, Jr., Group
Vice President, Nuclear
Engineering and Operations
Skyway Tower
400 North Olive Street, L.B. 81
Dallas, Texas 75201

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

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RIV: JLS
JLP/let/lb
A / 4 / 92

D: DRS
S Collins
A / 2 / 92

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Enclosures: as stated

cc w/enclosures:

TU Electric

ATTN: Jerry McMahon, Director
Nuclear Training

P.O. Box 1002

Glen Rose, Texas 76043-1147

bcc w/enclosure:

bcc to dist. by RIV:

R. D. Martin, RA

RIV File

DRS (J. L. Pellet)

CPPD:OSP Reading (MS: 7-H-17)

M. Fields, NRR Project Manager (13-H-15) Licensee & Debt Collection Branch, ATTN:

Leah Tremper

bcc to DMB (IE42)

Chief Examiner Reading File (L. Berger)

Resident Office

L. Miller, TTC

L. Hurley

J. Keeton

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Sincerely,

Original Signed By:

Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:
Nebraska Public Power District
ATTN: J. W. Dutton, Nuclear
Training Manager
P.O. Box 98
Brownville, Nebraska 68321

bcc w/enclosure:

bcc distrib. by RIV:

Section Chief (DRP/C)	R. D. Martin, RA
RIV File	
L. Hurley	S. McCrory
L. Miller, TTC	DRS (J. L. Pellet)
P. O'Connor, NRR Project Manager (MS: 11-D-23)	
Licensee & Debt Collection Branch, ATTN: Leah Tremper	
bcc to DMB (IE42)	
Chief Examiner Reading File (L. Berger)	

APR - 2 1992

Docket No. 50-298
License No. DPR-46

Nebraska Public Power District
ATTN: Guy R. Horn, Nuclear Power
Group Manager
P.O. Box 499
Columbus, Nebraska 68602-0499

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

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JLPallet/lb
4/4/92

D:DRS
SJCollins
4/7/92

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Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:

Nebraska Public Power District

ATTN: J. W. Dutton, Nuclear

Training Manager

P.O. Box 98

Brownville, Nebraska 68321

bcc w/enclosure:

bcc distrib. by RIV:

Section Chief (DRP/C)

RIV File

L. Hurley

L. Miller, TTC

P. O'Connor, NRR Project Manager (MS: 11-D-23)

Licensee & Debt Collection Branch, ATTN: Leah Tremper

bcc to DMB (IE42)

Chief Examiner Reading File (L. Berger)

R. D. Martin, RA

S. McCrory

DRS (J. L. Pellet)

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Sincerely,
Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:
Arkansas Nuclear One
ATTN: John Swails, Manager Training
Route 3, Box 137G
Russellville, Arkansas 72801

Arkansas Nuclear One
ATTN: Edward Force, Operations
Training Superintendent
Route 3, Box 137G
Russellville, Arkansas 72801

Arkansas Nuclear One
ATTN: Ken Canitz, Unit 1
Operations Training
Route 3, Box 137G
Russellville, Arkansas 72801

Arkansas Nuclear One
ATTN: George King, Unit 2
Operations Training
Route 3, Box 137G
Russellville, Arkansas 72801

bcc w/enclosure:
bcc distrib. by RIV:

R. D. Martin
RIV File
L. Miller, TTC
DRS (J. L. Pellet)
T. Alexion, NRR Project Manager (MS: 13-E-21)

Section Chief (DRP/A)
Resident Inspector
J. Keeton
L. Hurley

Entergy Operations, Inc.

-3-

S. Peterson, NRR Project Manager (MS: 11-D-23)
Licensee & Debt Collection Branch, ATTN: Leah Tromper
~~bcc to DMB (1E42)~~
Chief Examiner Reading File

APR - 2 1992

Docket Nos. 50-313
50-368
License Nos. DPR-51
NPF-6

Entergy Operations, Inc.
ATTN: Neil S. Carns, Vice President
Operations, Arkansas Nuclear One
Route 3, Box 137G
Russellville, Arkansas 72801

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

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JLPet/lb
4/2/92

D: DRS
SJCollins
4/2/92

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Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:

Arkansas Nuclear One
ATTN: John Swails, Manager Training
Route 3, Box 137G
Russellville, Arkansas 72801

Arkansas Nuclear One
ATTN: Edward Force, Operations
Training Superintendent
Route 3, Box 137G
Russellville, Arkansas 72801

Arkansas Nuclear One
ATTN: Ken Canitz, Unit 1
Operations Training
Route 3, Box 137G
Russellville, Arkansas 72801

Arkansas Nuclear One
ATTN: George King, Unit 2
Operations Training
Route 3, Box
Russellville, Arkansas 72801

bcc w/enclosure:
bcc distrib. by RIV:

R. D. Martin
RIV File
L. Miller, TTC
DRS (J. L. Pellet)
T. Alexion, NRR Project Manager (MS: 13-E-21)

Section Chief (DRP/A)
Resident Inspector
J. Keeton
L. Hurley

Entergy Operations, Inc.

-3-

S. Peterson. NRR Project Manager (MS: 11-D-23)
Licensee & bt Collection Branch, ATTN: Leah Tremper
bcc to DMB (IE42)
Chief Examiner Reading File

Wolf Creek Nuclear Operations
Corporation

-2-

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If you have any questions or comments, please feel free to contact John Pellet, Chief, Operator Licensing Section.

Sincerely,

Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures as stated

cc w/enclosures:
Wolf Creek Nuclear Operating Corporation
ATTN: B. McKinney, Manager, Nuclear Training
P.O. Box 411
Burlington, Kansas 66839

bcc w/enclosure:

bcc distrib. by RIV:

~~R. D. Martin~~

RIV File

L. Hurley

D. V. Pickett, NRR Project Manager (MS: 13-H-15)

Licensee & Debt Collection Branch, ATTN: Leah Tremper

~~bcc to DMB (IE42)~~

Chief Examiner Reading File (L. Berger)

Section Chief (DRP/D)

DRS (J. L. Pellet)

L. Miller, TC

APR - 2 1992

Docket No. STN 50-482
License No. NPF-42

Wolf Creek Nuclear Operating Corporation
ATTN: Bart D. Withers
President and Chief Executive Officer
P.O. Box 411
Burlington, Kansas 66839

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

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JLP/let/lb
6/12/92

D:DRS
SJC/llins
6/12/92

Wolf Creek Nuclear Operations
Corporation

-2-

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Sincerely,

Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:

Wolf Creek Nuclear Operating Corporation
ATTN: B. McKinney, Manager, Nuclear Training
P.O. Box 411
Burlington, Kansas 66839

bcc w/enclosure:

bcc distrib. by RIV:

R. D. Martin

RIV File

L. Hurley

D. V. Pickett, NRR Project Manager (MS: 13-H-15)

Licensee & Debt Collection Branch, ATTN: Leah Tremper

bcc to DMB (IE42)

Chief Examiner Reading File (L. Berger)

Section Chief (DRP/D)

DRS (J. L. Pellet)

L. Miller, TTC

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Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

cc w/enclosures:
Houston Lighting & Power Company
ATTN: Paul Appleby, Nuclear
Training Manager
P.O. Box 1700
Houston, Texas 77251

bcc w/enclosure:

bcc distrib. by RIV:

R. J. Martin, RA	Section Chief (DRP/D)
RIV File	L. Hurley
L. Miller, TTC	S. McCrory
DRS (J. L. Pellet)	
G. Dick, NRR Project Manager (MS: 13-H-15)	
Licensee & Debt Collection Branch, ATTN: Leah Tremper	
bcc to DMB (IE42)	
Chief Examiner Reading File (L. Berger)	

APR - 2 1992

Docket Nos. 50-498
50-499
License Nos. NPF-76
NPF-80

Houston Lighting & Power Company
ATTN: Donald P. Hall, Group
Vice President, Nuclear
P.O. Box 1700
Houston, Texas 77251

Gentlemen:

SUBJECT: OPERATOR LICENSING MEETING

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- o Characteristics of low cognitive level and low discriminatory value examination items.
- o Critical Task objective performance criteria for dynamic simulator scenarios and job performance measures.
- o Individual Simulator Critical Task identification. This topic appeared to be of substantial confusion. Enclosed is a copy of a November 19, 1991, letter to the Nuclear Management and Resources Council documenting the public meeting where this was discussed in depth. To summarize, the identification of critical tasks during scenario construction and validation should be based on those actions which, if performed incorrectly or omitted, degrade the mitigation strategy needed to respond

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to the scenario's symptoms. However, it must be understood that if an operator takes actions that significantly deviate from or fail to follow procedures affecting assurance of basic safety functions, those actions may form the basis of an emergent or post-administration critical task.

If you have any questions or comments, please feel free to contact me or John Pellet, Chief, Operator Licensing Section.

Sincerely,

Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Safety

Enclosures: as stated

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DRS (J. L. Pellet)	
G. Dick, NRR Project Manager (MS: 13-H-15)	
Licensee & Debt Collection Branch, ATTN: Leah Tremper	
bcc to DMB (IE42)	
Chief Examiner Reading File (L. Berger)	

GUIDELINES FOR THE DEVELOPMENT AND USE OF JPMs

JPMs are intended to be tasks that an operator must be able to perform as related to their particular Job Task Analysis (JTA). Therefore, operators must be able to use alternative methods to perform tasks. Alternative methods are evaluated in an examination environment by incorporating perturbations which require the operator to perform actions other than those performed when a system responds normally.

The intent of using JPMs where perturbations occur is to provide a methodology to evaluate an individual to determine if the skills and knowledge are at the level that is needed to adequately operate the system. This style of JPM provides an excellent opportunity to observe operators execute alternate paths within the wide spectrum of procedures under their purview which would otherwise not be examined. All JPMs should include the following five characteristics:

1. Success Path - there should be a valid, facility-endorsed success path for the JPM. This may require analyzing initial conditions to determine an alternate method to complete the task, mitigating a system-related problem that occurs during the task, or realigning the system.
2. Procedurally Driven - there should be a procedure that addresses the actions that are required, i.e., if the JPM requires an alternative method to complete the task, a procedure must exist that directs the use of this alternative method. Some actions required by the operator may be common practices endorsed by the facility that are addressed through generic administrative procedures or policies (e.g., shifting controls to manual.)
3. Logical Sequence - the sequence of procedurally driven actions should be logical. For example, an operator performing a normal evolution when a perturbation occurs should not be expected to enter Emergency Operating Procedures (EOPs). More realistically, the operator would attempt to correct the problem by referencing an Annunciator Response Procedure (ARP) or Abnormal Operating Procedure (AOP). However, an operator performing a normal evolution may encounter a situation requiring a reactor trip. This situation still adequately satisfies the logical sequence criteria provided that initiating a reactor trip mitigates the problem and concludes the JPM. The JPM should not contain a cascading sequence of faults that occur during a task being performed, requiring several procedures to be implemented. This type of activity is better tested in the dynamic simulator portion of the examination.
4. Independent of Crew Dynamics - the JPM should be such that the operator performing the task can perform the actions to complete the task or mitigate a problem that occurs during a task without having to rely on the actions of other control room operators. This provision does not disallow the use of simulator operators to acknowledge non-pertinent alarms or unexpected reactions on other systems not associated with the task. Also, the JPMs may still require the operator to utilize auxiliary operators in the plant to perform needed manipulations.

5. Validated in Advance - the JPM should be validated in advance and not changed during exam administration. The JPM should not be a surprise to the facility evaluators or the simulator operators. For initial exams, the JPM should be validated as early as possible before exam administration to allow time for changes to be made.

As stated in 10 CFR 55.45(a), the operating test "... requires the applicant to demonstrate an understanding of and the ability to perform the actions necessary to accomplish a representative sample from among the following 13 items." 10 CFR 55.59(a)(2)(ii) echoes this requirement for licensed operators participating in a requalification examination, i.e., "... to accomplish a comprehensive sample of items specified in §55.45(a)(2) through (13)." Therefore, the walkthrough examination for both initial and requalification examinations should ensure there is an appropriate balance among the items listed in §55.45(a), such that tasks contained in normal, abnormal and emergency procedures are all evaluated.

The following paragraph should be read to all applicants/operators when briefing them on the walkthrough/operating test:

During the course of the walkthrough examination, there may be some tasks you will be asked to perform that may require you to implement an alternative method directed by plant procedures in order to complete the assigned task. You are expected to make decisions and take actions based on the facility's procedural guidance and the indications available.

NRC REQUALIFICATION PROGRAM STATUS MEETING

MARCH 24, 1992

NAME	UTILITY
George V. Woolf	Entergy Operations, Inc. (AN02)
Bryon Lietzke	Entergy Operations, Inc. (W3)
Charles Rogers	Entergy Operations, Inc. (W3)
Arthur N. Vest	Entergy Operations, Inc. (W3)
William von Forell	Entergy Operations, Inc. (W3)
Gary D. Degraw	Gulf States Utilities
Russ Godwin	Gulf States Utilities
Warren Mutz	Houston Lighting & Power Company
Dwayne Coffey	Houston Lighting & Power Company
Robert Creason	Nebraska Public Power District
Duane Shallenberger	Nebraska Public Power District
Vern Stairs	Nebraska Public Power District
Dave Mamoran	Omaha Public Power District
G. E. Gulian'	Omaha Public Power District
William Brown	TU Electric
Cornell M ^c Henry	TU Electric
Coy Rice	TU Electric
Robert J. Cole	TU Electric
Cliff Davis	TU Electric
E. J. Taylor	Wolf Creek Nuclear Operating Corp.