



KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

August 31, 1984

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

KMLNRC 84-154  
Re: Docket No. STN 50-482  
Subj: FSAR Changes Relating to Replacement and  
Requalification Training Program

Gentlemen:

Generic Letter 84-14, "Replacement and Requalification Training Program," requests that utilities update their FSAR to include the requalification program or a reference to the submittal which is the program of record. The Generic Letter also requests that the use of plant-specific simulators be reflected in the FSAR.

In response to this request, marked-up changes to Section 13.2 of the Wolf Creek Final Safety Analysis Report are attached. These changes will be incorporated into the next revision of the Wolf Creek Final Safety Analysis Report.

Yours very truly,

GLK:bb  
Attach  
xc: PO'Connor (2)  
HBundy

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PDR ADOCK 05000482  
V PDR

Boo!  
"!"

OATH OF AFFIRMATION

STATE OF KANSAS     )  
                                  ) SS:  
COUNTY OF SEDGWICK )

I, Glenn L. Koester, of lawful age, being duly sworn upon oath, do depose, state and affirm that I am Vice President - Nuclear of Kansas Gas and Electric Company, Wichita, Kansas, that I have signed the foregoing letter of transmittal, know the contents thereof, and that all statements contained therein are true.

KANSAS GAS AND ELECTRIC COMPANY

ATTEST:

E. D. Prothro  
E.D. Prothro, Assistant Secretary

By Glenn L. Koester  
Glenn L. Koester  
Vice President - Nuclear

STATE OF KANSAS     )  
                                  ) SS:  
COUNTY OF SEDGWICK )

BE IT REMEMBERED that on this 31st day of August, 1984, before me, Evelyn L. Fry, a Notary, personally appeared Glenn L. Koester, Vice President - Nuclear of Kansas Gas and Electric Company, Wichita, Kansas, who is personally known to me and who executed the foregoing instrument, and he duly acknowledged the execution of the same for and on behalf of and as the act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the date and year above written.

Evelyn L. Fry  
Evelyn L. Fry, Notary



Commission expires on August 15, 1985.

13.2.2.1.1 Schedule

The requalification training program will be conducted annually consisting of a minimum of six (6) preplanned lecture series, on-the-job training, and simulator refresher course. This program will be conducted on a regularly scheduled basis throughout the year as plant outages and heavy vacation schedules permit. This program will commence within three months of the issuance of the station operating license with the annual requalification training examination occurring within plus or minus three (3) months of the operating license's anniversary date. *This program will be accomplished in accordance with ADM 06-227, "Licensed Operator Requalification Training Program," Rev. 0, approved by WCGS PSAC 45 of 8/10/84.*

13.2.2.1.2 Participation

All licensed candidates, shift standing personnel as well as non-shift standing staff personnel, shall participate in this program to maintain their licenses.

13.2.2.1.3 Lectures

Preplanned lectures covering the following subjects will be given to each licensed individual during the annual cycle:

1. Plant theory and principles of operation
2. Thermodynamics, heat transfer, and fluid flow
3. General and specific station operating characteristics
4. Station I & C systems
5. Plant protection systems
6. Engineered safeguards systems
7. Normal, off-normal, and emergency operating procedures
8. Mitigating core damage
9. Radiation protection and control
10. Technical specifications
11. Applicable portions of Title 10, Code of Federal Regulations
12. Operating experiences from similar plants
13. Review of significant plant transients, LERs and reported occurrences
14. Transient and accident analysis

SNUPPS-WC

- b. Boration and/or dilution during power operation
  - c. Loss of instrument air
  - d. Loss of electrical power and/or degraded power sources
  - e. Loss of condenser vacuum
  - f. Loss of essential service water
  - g. Loss of shutdown cooling
  - h. Loss of component cooling water or loss of cooling to an individual component
  - i. Loss of normal feedwater or normal feedwater system failure
  - j. Loss of protective system channel
  - k. Misaligned control rod(s) or dropped rod(s)
  - l. Inability to drive control rods
  - m. Conditions requiring the use of emergency boration
  - n. Fuel cladding failure or high activity in the reactor coolant
  - o. Turbine trip, generator trip, and/or reactor trip
  - p. Malfunction of automatic control system(s) which affect reactivity
  - q. Malfunction of reactor coolant pressure and/or level control system
  - r. Main steam line break inside or outside containment
  - s. Nuclear instrumentation failure(s)
3. Those control manipulations listed in Sections 13.2.2.1.4.1 and 13.2.2.1.4.2 not performed on the plant due to operating conditions or work schedule may be performed on a ~~SNUPPS~~ simulator.
4. Annually the individuals licensed as ROs and SROs shall demonstrate an understanding of the operation of controls and equipment and shall be familiar with the operating procedures in each area for which they are licensed. Verification methods are described in Section 13.2.2.1.8.

SNUPPS-WC

Demonstration methods include any of the following:

- a. Manipulation of the system and its associated equipment
  - b. A simulated walk-through of the procedural steps required to start, stop, or change conditions of the system
  - c. Use of an <sup>WCGJ</sup> ~~appropriate~~ simulator
5. Annually the licensed ROs and SROs shall be made aware of safety-related facility design changes that affect station operation, operating procedure changes, and facility license changes.

Notification methods include any of the following:

- a. Brief lectures conducted by the Shift Supervisor or other appropriate personnel
  - b. Staff meetings
  - c. Written communications to licensed individuals from facility management
  - d. Explanation of major changes as part of the preplanned lecture series
6. Licensed ROs and SROs shall on an annual basis, plus or minus three months, review abnormal, emergency, and security procedures.

Review methods include any of the following:

- a. Actual performance under abnormal and/or emergency conditions
- b. Drills utilizing a <sup>WCGJ</sup> simulator
- c. A walk-through of the procedural steps necessary to cope with the situation
- d. In-plant drills
- e. Brief lectures conducted by the Shift Supervisor or other appropriate personnel
- f. Self-study combined with (a) through (e) above

13.2.2.1.5 Simulator Training

Annually, each licensed person will <sup>WCGJ</sup> have as a minimum 30 hours of hands-on-training on a ~~SNUPPS~~ simulator. The simulator may be used to meet some of the requirements of

3. Licensed personnel scoring greater than 70 percent but less than 80 percent on any section of the most recent annual written requalification examination will be required to attend the preplanned lectures applicable to that section.
4. Licensed personnel scoring less than 70 percent in any section on the most recent annual written requalification examination will be placed in an accelerated requalification training program (Section 13.2.2.1.9) in that section.
5. Licensed personnel scoring less than 80 percent overall on the most recent annual written requalification examination will be placed in an accelerated requalification training program (Section 13.2.2.1.9) for all sections less than 80 percent.
6. Licensed personnel who fail the oral examination section of the annual retraining program will be placed in an accelerated requalification training program (Section 13.2.2.1.9) for all weak areas.
7. Within ~~two~~<sup>four</sup> weeks of the annual retraining examination series, licensed individuals who receive less than 70 percent in any examination section, or less than 80 percent overall, or fail the oral examination section shall undergo an oral examination administered by personnel designated by the Training Supervisor.
8. A maximum of three individuals responsible for preparing and administering the examination will be credited with successfully completing the examination.

#### 13.2.2.1.9 Accelerated Requalification

The accelerated requalification training program is for licensed individuals having identified deficiencies requiring assignment to a special retraining effort. The Training Supervisor will tailor the scope and duration of the accelerated program to the individual's demonstrated deficiencies.

The minimum acceptable accelerated requalification program is a reexamination in the area(s) of weakness with the score of not less than 70 percent in any area examined and/or overall grade of not less than 80 percent as applicable to the individual's area(s) of deficiency for written examinations. Oral examinations are evaluated on a pass/fail basis and must be passed.

Licensed personnel who are in the accelerated requalification training program due to examination results of Section 13.2.2.1.8, items 4, 5, and/or 6 and who fail to meet the minimum acceptable requirements as stated above for the