



KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

June 18, 1984

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
Washington, DC 20555

KMLNRC 84-091

Re: Docket No. STN 50-482

Ref: Letter KMLNRC-022 from GLKoester, KG&E, to  
HRDenton, NRC, dated February 19, 1980

Subj: Revision to Operating License Application

Dear Mr. Denton:

The reference letter transmitted an amendment to Kansas Gas and Electric Company's application for an operating license for the Wolf Creek Generating Station, Unit No. 1 (WCGS). Attached is a revision to the application requesting that the term of the operating license for the Wolf Creek Generating Station be forty years, commencing from the date of issuance of the construction permit. The organization structures described in the application have changed slightly, but have not been updated.

KG&E finds that no significant adverse environmental impact is anticipated as a result of increasing the operating life of the Wolf Creek Generating Station to forty years. This conclusion is justified for the following reasons:

- 1) The Wolf Creek Generating Station is located in a rural area where the population growth over the forty-year lifetime is expected to be small.
- 2) Having the WCGS available for a forty-year term would maintain system capacity, promote fuel diversification and defer capital costs and environmental impacts of replacement capacity.
- 3) Environmental considerations associated with a forty-year operating period do not change significantly. As characterized by the NRC staff in the WCGS Final Environmental Statement (NUREG-0878), operational impacts to the aquatic and terrestrial ecosystems from operation of various plant processes are small. Additionally, extension of these minimal environmental impacts would be largely offset by elimination of impacts associated with the acquisition of replacement capacity.

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- 4) A forty-year operating lifetime would extend the socioeconomic benefits from operation of the plant. The creation of direct and indirect jobs and sustained tax benefits would continue to outweigh the small adverse impacts from land use and the continued demand for community services. Accident risks, human health effects and impacts for the balance of the fuel cycle will continue to be low.

The magnitude of the plant impact is not expected to vary significantly over the extended lifetime of forty years. The WCGS plant was designed for a forty-year life and its operation over this period of time is not expected to compromise any safety limits or design parameters.

Yours very truly,

*Glen L Kaustu*

GLK:cks

Attach

cc: JCollins, Reg. IV  
PO'Connor  
HBundy

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 18th day of June, 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

My Commission expires on August 15, 1984.

## OFFICERS

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Legal Counsel:	John Philip Kassebaum Wichita, Kansas

KEPCo is not owned, controlled or dominated by any alien, any foreign corporation, or any foreign government. It is making this application in its own behalf and not as agent or representative of any other person.

- e. Class and period of license applied for and use to which facilities will be put

The license hereby applied for is a class 103 operating license as defined by 10 CFR 50.22. It is requested for a period of forty (40) years from the date of issuance of the WCGS operating license. Applicants further request such additional source, special nuclear, and by-product material licenses as may be necessary or appropriate to the possession, and operation of the licensed facilities.