

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

Otto L. Maynard  
Vice President Plant Operations

WO 95-0190  
December 29, 1995

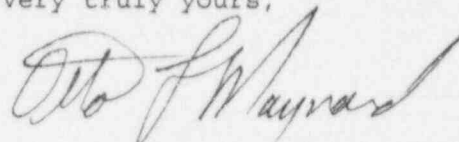
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D. C. 20555

Reference: Letter dated December 5, 1995, from E. Dillingham,  
KDHE, to Wolf Creek Nuclear Operating Corporation  
Subject: Docket 50-482: Kansas Water Pollution Control Permit  
and Authorization to Discharge under the National  
Pollutant Discharge Elimination System Permit  
for Wolf Creek Generating Station (WCGS)

Gentlemen:

This letter transmits the proposed Kansas Water Pollution Control Permit and authorization to discharge under the National Pollutant Discharge Elimination System permit for Wolf Creek Generating Station. The enclosed public notice was issued to inform interested persons of the agency's intent to issue the proposed permit. The permit change eliminates sewage treatment plant discharge to the Wolf Creek Cooling Lake. The sewage treatment plant discharge is being rerouted to a nondischarging sewage lagoon. This submittal is made pursuant to Wolf Creek Generating Station Facility Operating License NPF-42, Appendix B, Section 3.2.

Very truly yours,



Otto L. Maynard

OLM/jad

Enclosure

cc: L. J. Callan (NRC), w/a  
W. D. Johnson (NRC), w/a  
J. F. Ringwald (NRC), w/a  
J. C. Stone (NRC), w/a

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020095

JE23.1

State of Kansas

Bill Graves



Governor

95-10718

Department of Health and Environment

James J. O'Connell, Secretary

December 5, 1995

Wolf Creek Nuclear Operating  
P. O. Box 411  
Burlington, KS 66839

Re: Kansas Public Notice No. KS-95-107  
Kansas Water Pollution Control  
Permit I-NE07-PO02

Dear Permittee:

The enclosed public notice pertains to your pending Kansas Water Pollution Control Permit and authorization to Discharge under the National Pollutant Discharge Elimination System (NPDES). Also enclosed is a copy of the proposed permit.

Regulations require this department to issue a public notice to inform interested persons of the agency's intent to issue the referenced permit. The notice allows a 30 day period for comment by the applicant or the public. If response to the notice indicates significant interest, a public hearing may be held. Please post the public notice in a conspicuous public place in your place of business (if a private business) or public building (if a governmental entity) until the Comments Due date identified in the public notice.

Any comments you may have regarding the proposed permit should be sent to this office. If you have any questions concerning the proposed permit, please contact the Permit Clerk at address shown at the end of the public notice.

Sincerely,

A handwritten signature in cursive script, appearing to read "Edward Dillingham".

Edward Dillingham  
Permits & Compliance

Enclosure

cc: Southeast District  
MM - Permit File

Kansas Permit No.: I-NE07-P002

Federal Permit No.: KS-0079057

KANSAS WATER POLLUTION CONTROL PERMIT AND  
AUTHORIZATION TO DISCHARGE UNDER  
THE NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM

DRAFT

Pursuant to the Provisions of Kansas Statutes Annotated 65-164 and 65-165, the Federal Water Pollution Control Act as amended, (33 U.S.C. 1251 et seq; the "Act").

Owner: Wolf Creek Nuclear Operating Corporation\*

Owner's Address: P.O. Box 411  
Burlington, Kansas 66839

\*Refer to Supplemental Condition No. 14.

Facility Name: Wolf Creek Generating Station

Facility Location: 1550 Oxen Lane, N.E.  
Burlington, Kansas 66839

Receiving Stream & Basin: Neosho River via Wolf Creek via Wolf  
Creek Cooling Impoundment  
Neosho River Basin

is authorized to discharge from the waste treatment facility described herein, in accordance with effluent limitations and monitoring requirements as set forth herein.

This permit shall become effective \_\_\_\_\_, will supersede all previous permits and/or agreements in effect between the Kansas Department of Health and Environment and the permittee, and will expire February 1, 1999.

FACILITY DESCRIPTION:

The station consists of a pressurized nuclear reactor steam supply system and a turbine - generator used for generation, transmission and distribution of electrical power. The nuclear steam supply system is comprised of a reactor vessel and four primary coolant loops, each with a reactor coolant pump and steam generator. The net turbine generator output is a nominal 1,175 MWe. Wastewater discharges consist of an oil water separator, circulating water, radwaste system, neutralization system, settling ponds, service and essential service water discharge via the essential service water discharge and a cooling impoundment discharge. In addition, there is a two-cell domestic wastewater stabilization lagoon (which replaces the mechanical wastewater treatment plant at the station) and a three-cell domestic wastewater stabilization lagoon at the Eisenhower Learning Center which do not discharge to surface waters.

\_\_\_\_\_  
Secretary, Kansas Department of Health and Environment

\_\_\_\_\_  
Date

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The effluent limitations shall become effective on the dates specified herein. Such discharges shall be controlled, limited, and monitored by the permittee as specified. There shall be no discharge of floating solids or visible foam in other than trace amounts.

Monitoring reports shall be submitted on or before the 28th day of the following month. In the event no discharge occurs, written notification is still required.

EFFLUENT LIMITATIONSMONITORING REQUIREMENTS

<u>Effective Date</u>	<u>Final</u>	<u>Measurement</u>	<u>Sample</u>
	<u>Limitations</u>		
<u>Outfall Number and</u>	<u>Upon</u>	<u>Frequency</u>	<u>Type</u>
<u>Effluent Parameter(s)</u>	<u>Issuance</u>		

002 - Discharge of Settling Basin into Wolf Creek Cooling Impoundment

Monitoring of the discharge through Outfall 002 will not be required unless there is a significant change in the quality or quantity of the subject discharge. The Water Quality Criteria for Interstate and Intrastate Waters of Kansas as formulated by the Kansas Department of Health and Environment (KDHE), Regulation 28-16-28 (b-f), will be applicable to this discharge:

1. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units.
2. The discharge shall be essentially free of visible oil or grease and in no circumstances result in deterioration of the receiving water's quality.
3. Control of excessive suspended solids shall be undertaken as necessary to prevent receiving water deterioration.
4. There shall be no sludge banks or deposition of solids downstream from the outfall.
5. There shall be no discharge of floating solids or visible foam in other than trace amounts.

Any violation of the above referenced Water Quality Criteria shall be reported immediately to KDHE, Bureau of Water, in Topeka, Kansas.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

<u>Effective Date</u> <u>Outfall Number and</u> <u>Effluent Parameters(s)</u>	<u>EFFLUENT LIMITATIONS</u>	<u>MONITORING REQUIREMENTS</u>	
	<u>Final</u> <u>Limitations</u> <u>Upon</u> <u>Issuance</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
<u>002(a) - Oil Water Separator Discharge over Weir into Culvert</u>			
Flow - MGD	N/A	Weekly	Weir
Total Suspended Solids		Weekly	grab
Daily Average-mg/l	30		
Daily Maximum-mg/l	100		
Oil and Grease		Weekly	grab
Daily Average-mg/l	10		
Daily Maximum-mg/l	15		
Chemical Oxygen Demand		Weekly	grab
Daily Maximum-mg/l	Monitor Only		
pH - Standard Units	6.0-9.0	Weekly	grab

Note 1 - All radioactive components of this discharge are regulated solely by the U.S. Nuclear Regulatory Commission (NRC) under the requirements of the Atomic Energy Act and not by either the Environmental Protection Agency (EPA) under the Clean Water Act or the Kansas Department of Health and Environment under Kansas water pollution control regulations and statutes.

003 - Circulating Water System Discharge into Wolf Creek Cooling Impoundment

Flow - MGD	N/A	Daily	Estimate
Total Residual Oxidant		Daily	grab
Daily Maximum-mg/l	.2**		
pH - Standard Units	6.0-9.0	Twice Weekly	grab

\*\*Total Residual Oxidant (TRO) shall be monitored in the Service Water System (SWS) when the Circulating Water System (CWS) is not in service. During this operational mode the sampling location for TRO shall be moved upstream of the Radwaste System discharge confluence. Supplemental Conditions 4(a), 4(b)(1) and 5 are applicable to the CWS discharge alone and only to the CWS when combined with the SWS. Supplemental Conditions 4(a) and 4(b)(1) do not apply to the SWS discharge regardless of the operating mode of the cooling systems; however, Supplemental Condition 5 is still applicable. All requested information is to be reported in the discharge monitoring reports (DMR).

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

Effective Date Outfall Number and Effluent Parameters(s)	<u>EFFLUENT LIMITATIONS</u> Final Limitations Upon Issuance	<u>MONITORING REQUIREMENTS</u>	
		Measurement Frequency	Sample Type
<u>003(a) - Radwaste System Discharge into Circulating Water System Discharge</u>			
Flow - MGD	N/A	Twice Weekly	Estimate
Total Suspended Solids		Twice Weekly	grab
Daily Average-mg/l	30		
Daily Maximum-mg/l	100		
Oil and Grease		Twice Weekly	grab
Daily Average-mg/l	10		
Daily Maximum-mg/l	15		
Surfactants (MBAS)		Twice Weekly	grab
Daily Maximum-mg/l	1.0		

Note 1 - Also applies to this outfall.

003(b) - Wastewater Treatment Facility Discharge into Circulating Water System Discharge

Flow - MGD	N/A	Weekly	Estimate
Total Suspended Solids		Weekly	grab
Daily Average-mg/l	30		
Daily Maximum-mg/l	100		
Oil and Grease		Weekly	grab
Daily Average-mg/l	10		
Daily Maximum-mg/l	15		
Sulfates		Weekly	grab
Daily Maximum-mg/l	Monitor Only		
Monoethanolamine		Weekly	grab
Daily Maximum-mg/l	Monitor Only		
pH - Standard Units	6.0-9.0	Weekly	grab

Note 1 - Also applies to this outfall.



A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

<u>Effective Date</u> <u>Outfall Number and</u> <u>Effluent Parameters(s)</u>	<u>EFFLUENT LIMITATIONS</u>	<u>MONITORING REQUIREMENTS</u>	
	<u>Final</u> <u>Limitations</u> <u>Upon</u> <u>Issuance</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
<u>004 - Cooling Impoundment Discharge to Wolf Creek</u>			
Flow - MGD	N/A	The first day of each discharge and each week thereafter.	Estimate
Sulfates		The first day of each discharge and each week thereafter.	grab
Daily Average-mg/l	260		
Daily Maximum-mg/l	390		
Chlorides		The first day of each discharge and each week thereafter.	grab
Daily Average-mg/l	260		
Daily Maximum-mg/l	390		
pH - Standard Units	6.0-9.0	The first day of each discharge and each week thereafter.	grab
Note 1 - Also applies to this outfall.			
<u>005 - Settling Pond Discharge to Wolf Creek Cooling Impoundment</u>			
Flow - MGD	N/A	Weekly	Estimate
Total Suspended Solids		Weekly	grab
Daily Average-mg/l	30		
Daily Maximum-mg/l	100		
Oil and Grease		Weekly	grab
Daily Average-mg/l	10		
Daily Maximum-mg/l	15		
Sulfates		Weekly	grab
Daily Maximum-mg/l	Monitor Only		
Monoethanolamine		Weekly	grab
Daily Maximum-mg/l	Monitor Only		
Ammonia		Weekly	grab
Daily Maximum-mg/l	Monitor Only		

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

<u>Effective Date</u> <u>Outfall Number and</u> <u>Effluent Parameters(s)</u>	<u>EFFLUENT LIMITATIONS</u>	<u>MONITORING REQUIREMENTS</u>	
	<u>Final</u> <u>Limitations</u> <u>Upon</u> <u>Issuance</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>

005 - Settling Pond Discharge to Wolf Creek Cooling Impoundment (continued)

Nitrate + Nitrite Daily Maximum-mg/l	Monitor Only	Weekly	grab
pH - Standard Units	6.0-9.0	Weekly	grab

Note 1 - Also applies to this outfall.

006 - Service and Essential Service Water System Discharge through Essential Service Water System Piping into the Ultimate Heat Sink

Flow - MGD	N/A	The first day Estimate of discharge and twice weekly thereafter.	
Total Residual Oxidant Daily Maximum-mg/l	1.0	The first day of discharge and twice weekly thereafter.	grab
pH - Standard Units	6.0-9.0	The first day of discharge and twice weekly thereafter.	grab

The sampling location for 006 shall be at the discharge side of the heat exchanger downstream of all chemical additions but prior to mixing with ultimate heat sink waters.

B. STANDARD CONDITIONS

In addition to the specified conditions stated herein, the permittee shall comply with the attached Standard Conditions dated November 3, 1986.

C. SCHEDULE OF COMPLIANCE

None

D. SUPPLEMENTAL CONDITIONS

1. There shall be no discharge of polychlorinated biphenyl compounds.



D. SUPPLEMENTAL CONDITIONS (continued)

2. All samples and flow measurements required for permit monitoring shall be taken on the same day except for miscellaneous discharges related to stormwater runoff, oil storage area runoff, etc.
3. Miscellaneous discharges related to runoff are regulated by Water Quality Criteria. Runoff contained in the oil storage dike area(s) shall be visually inspected to determine if removal of oil and grease is necessary prior to discharge.
4. (a) Neither free available oxidant nor total residual oxidant may be discharged from any unit for more than two hours in any one day and not more than one unit in any plant may discharge free available or total residual oxidant at any one time unless the utility can demonstrate to the State that the units in a particular location cannot operate at or below this level of oxidant application.  
  
(b)(1) Any plant with a total rated electric generation capacity of 25 or more megawatts is subject to the following stipulation. Total residual oxidant may not be discharged from any single generating unit for more than two hours per day unless the discharger demonstrates to the State that discharge for more than two hours is required for macroinvertebrate control. Simultaneous multi-unit oxidant application is permitted. Multi-unit oxidant application must be designated in the monitoring reports.  
  
(b)(2) Any plant with a total rated electric generation capacity of less than 25 megawatts is subject to the following stipulation. Neither free available oxidant nor total residual oxidant may be discharged from any unit for more than two hours in any one day and not more than one unit in any plant may discharge free available or total residual oxidant at any one time unless the utility can demonstrate to the State that the units in a particular location cannot operate at or below this level of oxidant application.
5. The permittee shall submit, as a part of the discharge monitoring report (DMR), an oxidant application schedule indicating the time and duration of applications for each unit. The amount of oxidant applied shall also be reported in the DMR's.
6. This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301 (b)(2), (C), and (D), 304 (b)(2), and 307 (a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:
  - a. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit, or
  - b. Controls any pollutant not limited in the permit.The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.
7. In the event the Environmental Protection Agency amends or promulgates the BPT, BAT and/or BCT effluent guideline limitations for a specific Point Source Category or any of the subcategories covering your industry, this permit will be revoked and reissued to incorporate the new limitation(s).

D. SUPPLEMENTAL CONDITIONS (continued)

8. There shall be no discharge from the Wolf Creek Station and the Eisenhower Learning Center waste stabilization lagoon systems. Only domestic waste shall be discharged to these lagoon systems. A three-foot minimum freeboard shall be maintained at all times in the Station lagoon cells and a two-foot minimum freeboard must be maintained at all times in the Eisenhower Learning Center lagoon cells.
9. The Department is to be notified at least 90 days prior to the Wolf Creek Cooling Impoundment being opened for public access.
10. A report addressing the disposal of metal cleaning wastes is to be submitted to the Bureau of Water Protection for approval at least 10 days or as soon as reasonably practicable before implementing each chemical cleaning activity. Approval from the Department is required before chemical cleaning can be initiated. Metal cleaning wastes are defined to be wastes derived from chemical cleaning of any metal process equipment, including boiler fireside cleaning and air preheater cleaning.

11. Changes in Discharges of Toxic Substances

The permittee shall notify the Department as soon as it knows or has reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
    - (1) One hundred micrograms per liter (100  $\mu\text{g/l}$ );
    - (2) Two hundred micrograms per liter (200  $\mu\text{g/l}$ ) for acrolein and acrylonitrile; five hundred micrograms per liter (500  $\mu\text{g/l}$ ) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
    - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application.
  - b. That any activity has occurred or will occur which result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
    - (1) Five hundred micrograms per liter (500  $\mu\text{g/l}$ );
    - (2) One milligram per liter (1 mg/l) for antimony;
    - (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application.
12. Prior to discharge through Outfall 003(b), permittee shall complete the US EPA Form 2c permit application for this outfall and supplement the information previously submitted. This outfall shall be sampled and analyzed for all required Form 2c parameters when the waste stream is representative of operational mode. Results shall be submitted to KDHE.

D. SUPPLEMENTAL CONDITIONS (continued)

13. Kansas Surface Water Quality Standards will be enforced in the Wolf Creek at the point of discharge from the Wolf Creek Impoundment to Wolf Creek. Discharges to waters of the State shall be guided by both the primary and secondary drinking water regulations promulgated pursuant to The Safe Drinking Water Act and current state surface water quality standards, K.A.R. 28-16-28b et. seq.
14. Wolf Creek Nuclear Operation Corporation (WCNOC), a Delaware corporation, is the agent for Kansas Gas and Electric Co., Kansas City Power and Light Co. and Kansas Electric Power Cooperative, Inc. The referenced companies shall, in accordance with their Wolf Creek Generating Station Operating Agreement (dated April 15, 1986), be severally liable (in proportion with their ownership shares of the plant) for compliance with the terms and conditions stated in the permit and applicable laws.
15. During any period in which waste streams containing monoethanolamine are directed to the settling pond associated with Outfall 005, permittee shall obtain on a monthly basis representative samples from the influent to the pond and the pond and analyze each of the samples for monoethanolamine, ammonia, and nitrate + nitrite. Permittee shall report these results on its monthly DMRs.
16. After one year from issuance of this permit, permittee shall no longer direct any waste streams containing monoethanolamine to the settling pond associated with Outfall 005 except under emergency conditions. For each such emergency discharge, permittee shall notify KDHE in writing of the date of discharge, the quantity of wastewater, and the mass loading and concentration of monoethanolamine discharged to the pond.
17. Permittee shall undertake at least twice-monthly inspections of Outfall 002 to ensure compliance with the general Water Quality Criteria described on Page 2 of this permit.
18. When the flow through Outfall 006 consists solely of service water from the Service Water System diverted to the Essential Service Water System (other than flows recirculated directly from the Wolf Creek Cooling Impoundment), a sample collected from the Service Water System shall be considered representative of Outfall 006 for purposes of monitoring required by this permit.

## FACT SHEET

(Addendum to April, 1994 Fact Sheet)

Facility Name: Wolf Creek Nuclear Operating Corporation

Facility Address: P.O. Box 411  
Burlington, KS 66839

The following items regarding the NPDES Permit for the above referenced permit are modified:

Contact: Ralph Logsdon  
(316) 364-8831, Ext. 4730

### Facility Description

The existing domestic mechanical wastewater treatment plant at the operating station and the outfall to which this plant's effluent discharges, Outfall OO1, are being eliminated. The mechanical treatment plant is being replaced by a non-discharging two-cell domestic wastewater stabilization lagoon.

11/95



STANDARD CONDITIONS FOR  
KANSAS WATER POLLUTION CONTROL AND  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

1. REPRESENTATIVE SAMPLING:

- A. Samples and measurements taken as required herein shall be representative of the nature and volume of the monitored discharge. All samples shall be taken at the location designated in this permit, and unless specified, at the outfall(s) before the effluent joins or is diluted by any other body of water or substance.
- B. Monitoring results shall be recorded and reported on forms acceptable to the Division and postmarked no later than the 28th day of the month following the completed reporting period. Signed and certified copies of these, prepared in accordance with K.A.R. 28-16-59 and all other reports required herein, shall be submitted to:

ATTN: Fati Voiers (913/296-5517)  
Kansas Department of Health & Environment  
Bureau of Water - Technical Services Section  
Forbes Field - Building 283  
Topeka, KS 66620-0001

2. SCHEDULE OF COMPLIANCE: No later than 14 calendar days following each date identified in the "Schedule of Compliance", the permittee shall submit to the above address, either a report of progress or, in the case of specific action being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next schedule requirements, or, if there are no more scheduled requirements, when such noncompliance will be corrected.

3. DEFINITIONS:

- A. The "daily average" discharge means either the total discharge by weight during a calendar month divided by the number of days in the month that the facility was operating or the average concentration for the month. The daily average discharge shall be determined by the summation of all measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made, or by the summation of all concentrations determined during the calendar month divided by the number of samples collected and analyzed.
- B. The "daily maximum" discharge means the total discharge by weight or average concentration during a 24 hour period.
- C. The "monthly average", other than for fecal coliform bacteria, is the arithmetic mean of the value of effluent samples collected in a period of 30 consecutive days. The monthly average for fecal coliform bacteria is the geometric mean of the value of the effluent samples collected in a period of 30 consecutive days.
- D. The "weekly average", other than for fecal coliform bacteria, is the arithmetic mean of the value of effluent samples collected in a period of 7 consecutive days. The weekly average for fecal coliform bacteria is the geometric mean of the value of effluent samples collected in a period of 7 consecutive days.
- E. The "grab sample" is an individual sample collected in less than 15 minutes.
- F. A "composite sample" is a combination of individual samples in which the volume of each individual sample is proportional to the discharge flow, the sample frequency is proportioned to the flow rate over the sample period, or the sample frequency is proportional to time.

- G. The "act" means the Clean Water Act, 30 USC Section 1251 et seq.
- H. "Division" means Division of Environment, Kansas Department of Health and Environment.
- I. "Department" means the Kansas Department of Health and Environment.
- J. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonable be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- K. "Director" means the Director of the Division of Environment, Kansas Department of Health and Environment.
- L. "Bypass" means any diversion of waste streams from any portion of a treatment facility or collection system.

- 4. **TEST PROCEDURES:** All analysis required by this permit shall conform to the requirements of 33 USC Section 1314(h), and shall be conducted in a laboratory certified by this Department. For each measurement or sample the permittee shall record the exact place, date, and time of sampling; the date of the analyses, the analytical techniques or methods used, and the individual(s) who performed the sampling and analysis and, the results. If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved procedures, the results shall be included in the Discharge Monitoring Report form required in 1.B. above. Such increased frequencies shall also be indicated.
- 5. **RECORDS RETENTION:** All records and information resulting from the monitoring activities required by this permit, including all records of analyses and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation, shall be retained for a minimum of 3 years, or longer if requested by the Division.
- 6. **CHANGE IN DISCHARGE:** All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant not authorized by this pennit or of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of this permit. Any facility expansions, productions or flow increases, or process modifications which result in a new, different, or increase discharge of pollutants shall be reported to the Division at least one hundred eighty (180) days before such change.
- 7. **NONCOMPLIANCE NOTIFICATIONS:** If for any reason, the permittee does not comply with or will be able to comply with any daily maximum or weekly average effluent limitations specified in this permit, the permittee shall provide the Department with the following information in writing within five days of becoming aware of such condition:
  - A. A description of the discharge and cause of noncompliance, and
  - B. the period of noncompliance including exact dates and times or if not corrected the anticipated time the noncompliance is expected to continue and steps taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

The above information shall be provided with the submittal of the regular Discharge Monitoring Report form for violations of daily average or monthly average effluent limitations.

- 8. **FACILITIES OPERATION:** The permittee shall at all times maintain in good working order and efficiently and effectively operate all treatment, collection, control systems or facilities, to achieve compliance with the terms of this permit. Such proper operation and maintenance procedures shall also include adequate laboratory controls and appropriate quality assurance procedures. Maintenance of treatment facilities

which results in degradation or effluent quality, even though not causing violations of effluent limitations shall be scheduled during noncritical water quality periods and shall be carried out in a manner approved in advance by the Division. The permittee shall take all necessary steps to minimize or prevent any adverse impact to waters of the State resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge. The need to halt or reduce the permitted activity in order to maintain compliance with permit conditions shall not be a defense to the permittee in an enforcement action.

9. **IMMEDIATE REPORTING REQUIRED:** Any diversion or bypass of facilities necessary to maintain compliance with the permit is prohibited, except: 1) where necessary to prevent loss of human life, personal injury, severe property damage; 2) where excessive storm damage or run-off would damage any facilities necessary to comply with this permit and where no feasible alternatives to the bypass exist; and 3) where the permittee notifies the Director seven days in advance of an anticipated bypass. The Director or his designee may approve an anticipated bypass, after considering its adverse effects, if the Director or his designee determines that it will meet the three conditions listed above. The permittee shall immediately notify the Division by telephone of each bypass and shall confirm the telephone notification with a letter explaining what caused this spill or bypass and what conditions have been taken to prevent reoccurrence. Written notification shall be provided to the Director within five days of the bypass. The Director or his designee may waive the written report on a case by case basis.
10. **REMOVED SUBSTANCES:** Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner acceptable to the Division.
11. **POWER FAILURES:** The permittee shall provide an alternative power source sufficient to operate the wastewater control facilities or otherwise control pollution and all discharges upon the loss of the primary source of power to the wastewater control facilities. The need to halt or reduce the permitted activity in order to maintain compliance with permit conditions shall not be a defense to the permittee in an enforcement action.
12. **RIGHT OF ENTRY:** The permittee shall allow authorized representatives of the Division of Environment or the Environmental Protection Agency upon the presentation of credentials, to enter upon the permittee's premises where an effluent source is located, or in which any records are required to be kept by this permit, and at reasonable times to have access to and copy any records required to be kept by this permit, to inspect any monitoring equipment or monitoring method required in this permit, and to sample any discharge from the facility or any waste or materials generated or stored on the premises.
13. **TRANSFER OF OWNERSHIP:** The permittee shall notify the succeeding owner, controlling person, or operator of the existence of this permit by certified letter, a copy of which shall be forwarded to the Division. The succeeding owner shall secure a new permit. The permit is not transferable to any person except after notice and approval by the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.
14. **AVAILABILITY OF RECORDS:** Except for data determined to be confidential under 33 USC Section 1318, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential. Knowingly making any false statement on any such report or tampering with equipment to falsify data may result in the imposition of criminal penalties as provided for in 33 USC Section 1319 and K.S.A. 65-170c.
15. **PERMIT MODIFICATIONS AND TERMINATION:** As provided by K.A.R. 28-16-62, after notice and opportunity for a hearing, this permit may be modified, suspended or revoked or terminated in whole or in part during its term for cause as provided, but not limited to those set forth in K.A.R. 28-16-62 and K.A.R. 28-16-23b through f. The permittee shall furnish to the Director, within a reasonable amount of time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also



furnish upon request, copies of all records required to be kept by this permit.

16. **TOXIC POLLUTANTS:** Notwithstanding paragraph 15 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified at such effluent standards) is established under 33 USC Section 1317(a) for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition. Nothing in this permit relieves the permittee from complying with federal toxic effluent standards as promulgated pursuant to 33 USC Section 1317.
17. **CIVIL AND CRIMINAL LIABILITY:** Except as authorized in paragraph 9 above, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance as provided for in K.S.A. 65-170d, K.S.A. 65-167, and 33 USC Section 1319.
18. **OIL AND HAZARDOUS SUBSTANCE LIABILITY:** Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under 33 USC Section 1321 or K.S.A. 65-164 et seq. The municipal permittee shall promptly notify the Division by telephone upon discovering crude oil or any petroleum derivative in its sewer system or wastewater treatment facilities.
19. **INDUSTRIAL USERS:** The municipal permittee shall require any industrial user of the treatment works to comply with 33 USC Section 1317, 1318 and any industrial user of storm sewers to comply with 33 USC Section 1308.
20. **PROPERTY RIGHTS:** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights nor any infringements of or violation of federal, state or local laws and regulations.
21. **OPERATOR CERTIFICATION:** The permittee shall ensure that his wastewater facilities are under the supervision of an operator certified by the Department. If the permittee does not have a certified operator or loses its certified operator, the appropriate steps shall be taken to obtain a certified operator as required by K.A.R. 28-16-29.
22. **SEVERABILITY:** The provisions of this permit are severable and if any provision of this permit and any circumstance is held invalid, the application of such provision to other circumstances and the remainder of the permit shall not be effected thereby.
23. **REMOVAL FROM SERVICE:** The permittee shall inform the Division at least three months before a pumping station, treatment unit, or any other part of the treatment work permitted by this permit, or other waste treatment facility is to be removed from service and shall make arrangements acceptable to the Division of decommissioning that will provide adequate protection for the public health and waters of the state.
24. **DUTY TO REAPPLY:** At least 180 days prior to expiration of a permit, a permit holder wishing to continue an activity regulated by this permit after the expiration date must apply for a new permit.

PUBLIC NOTICE OF PENDING  
KANSAS WATER POLLUTION CONTROL PERMIT  
&  
AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

State of Kansas  
Department of Health and Environment  
Division of Environment-Bureau of Water  
Topeka, Kansas 66620  
Telephone: (913) 296-5524 - Ag Permits  
(913) 296-5519 - All Others

Public Notice No. KS-AG-95-216/221  
KS-95-103/107  
KS-ND-95-83/86  
KS-PT-95-9  
Beginning Date: December 7, 1995  
Comments Due: January 5, 1996

In accordance with State Regulations 28-16-57 through 63, 28-18-1 through 4, and the authority vested with the State by the administrator of the U.S. Environmental Protection Agency, tentative permits have been prepared for discharges to the waters of the United States and the State of Kansas for the applicants described below.

The tentative determinations for permit content are based on preliminary staff review, applying the appropriate standards, regulations and effluent limitations of the State of Kansas and the Environmental Protection Agency, and will, when issued, result in a State Water Pollution Control Permit and National Pollutant Discharge Elimination System Authorization to discharge subject to certain effluent limitations and special conditions.

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Public Notice No. KS-AG-95-216/221

<u>NAME AND ADDRESS OF APPLICANT</u>	<u>LEGAL DESCRIPTION</u>	<u>RECEIVING WATER</u>
SEABOARD FARMS, INC. FARM UNIT 106 JEROME FRIZZELL 9000 WEST 67TH STREET SHAWNEE MISSION, KS 66201	SW/4, SEC. 15, T32S, R40W, MORTON COUNTY	CIMARRON RIVER BASIN

KANSAS PERMIT NO. A-CIMT-S004

This is a new facility for 9600 head (0 animal units) of swine.

Wastewater Control Facilities: Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided for 22.7 acre-feet which meets or exceeds KDHE minimum requirements.

Compliance Schedule: None, existing controls adequate.

SEABOARD FARMS, INC. FARM UNITS 101, 102, 103, 104, 105 & 107 JEROME FRIZZELL 9000 WEST 67TH STREET SHAWNEE MISSION, KS 66201	W/2, SEC. 11, W/2, SEC. 14, SE/4, SEC. 14, SE/4, SEC. 15, T32S, R40W, MORTON COUNTY	CIMARRON RIVER BASIN
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KANSAS PERMIT NO. A-CIMT-S003

This is a new facility for 57,600 head (0 animal units) of swine.

Wastewater Control Facilities: Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided for 22.9 acre-feet which meets or exceeds KDHE minimum requirements.

Compliance Schedule: None, existing controls adequate.

SEABOARD FARMS, INC.  
FARM UNITS 12, 13, 14, 15 & 16  
JEROME FRIZZELL  
9000 WEST 67TH STREET  
SHAWNEE MISSION, KS 66201

NW/4, SEC. 33, NE/4,  
SEC. 34, NE/4, SEC. 33,  
NW/4, SEC. 25, T31S,  
R39W, W/2, SEC. 30,  
T31S, R38W, MORTON & STEVENS COUNTIES

CIMARRON RIVER BASIN

KANSAS PERMIT NO. A-CISV-H001

FEDERAL PERMIT NO. KS-0091626

This is an expansion facility for 35,045 head (14,018 animal units) of swine.

Wastewater Control Facilities: Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided for 410 acre-feet which meets or exceeds KDHE minimum requirements.

Compliance Schedule:

1. The waste management plan developed by the designer and approved by the Department shall be adhered to as a condition of this permit. The plan calls for nutrient analysis of both liquid and solids with applications to meet crop nutrient needs. If wastes are not analyzed for nutrient content, wastewater shall be applied at not greater than 3.3 acre inch per acre per year and solids shall be applied at no greater than 10 ton per acre.
2. The Kansas Department of Health & Environment's non-point source best management practice for "construction site pollution control" shall be utilized during construction phase of the project.
3. The Seaboard Corporation emergency response plan will be adhered to as a condition of this permit.

LYLE SUDERMAN  
ROUTE 2, BOX 183  
HILLSBORO, KANSAS 67063

NE/4, SEC. 26, T20S,  
R2E, MARION COUNTY

NEOSHO RIVER BASIN

KANSAS PERMIT NO. A-NEMN-S014

This is an existing facility for 240 head (96 animal units) of swine.

Wastewater Control Facilities: Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided for 29,657 cubic-feet which meets or exceeds KDHE minimum requirements.

Compliance Schedule:

1. A livestock waste management plan for the facility shall be developed. The plan shall cover, but not be limited to, the following items: handling and disposal equipment for both solid and liquid wastes, land application practices used to protect against runoff and leaching, waste application rates based on crop nutrient utilization, and identification of adequate land areas of application of all wastes. Detailed guidance and requirements will be provided by the Department. A plan shall be submitted to the Department within six (6) months following receipt of detailed requirements. The approved plan will become part of this permit.
2. Dewatering equipment shall be obtained 45 days after issuance of this permit through purchase, rental or custom application agreement. It shall be capable of dispersing 22,250 gallons of wastewater per day over 15 acres of land suitable for waste application. Written verification of the acquisition of the equipment shall be submitted to the Department.

**ZIMM'S FEEDLOT**  
W.K. ZIMMERMAN  
1650 AVENUE R  
STERLING, KS 67579

NE/4, SEC. 34, T20S,  
R8W, RICE COUNTY

LOWER ARKANSAS  
RIVER BASIN

KANSAS PERMIT NO. A-ARRC-C003

FEDERAL PERMIT NO. KS-0086321

This is an existing facility for 3,000 head (3,000 animal units) of beef cattle.

Wastewater Control Facilities: Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided for 12.4 acre-feet which meets or exceeds KDHE minimum requirements.

Compliance Schedule:

A livestock waste management plan for the facility shall be developed. The plan shall cover, but not be limited to, the following items: handling and disposal equipment for both solid and liquid wastes, land application practices used to protect against runoff and leaching, waste application rates based on crop nutrient utilization, and identification of adequate land areas of application of all wastes. Detailed guidance and requirements will be provided by the Department. A plan shall be submitted to the Department within six (6) months following receipt of detailed requirements. The approved plan will become part of this permit.

**HAVERKAMP BROTHERS, INC.**  
ROUTE 1, BOX 37A  
BERN, KS 66408

SW/4, SEC. 1, T1S,  
R12E, NEMAHA COUNTY

MISSOURI RIVER BASIN

KANSAS PERMIT NO. A-MONM-S050

This is a new facility for 2,000 head (800 animal units) of swine.

Wastewater Control Facilities: Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided for 19,320 cubic-feet which meets or exceeds KDHE minimum requirements.



# Compliance Schedule:

The waste management plan developed by the designer and approved by the Department shall be adhered to as a condition of this permit. The plan calls for nutrient analysis of both liquid and solids with applications to meet crop nutrient needs. If wastes are not analyzed for nutrient content, wastewater shall be applied at not greater than 1.5 acre inch per acre per year and solids shall be applied at no greater than 10 ton per acre.

Public Notice No. KS-95-103/107

<u>NAME AND ADDRESS OF APPLICANT</u>	<u>WATERWAY</u>	<u>TYPE OF DISCHARGE</u>
<b>ABEL DESIGN PLASTICS INC.</b> 765 E. 520 St. Pittsburg, KS 66762	Cow Creek via Unnamed Trib. Neosho R. Basin	Treated Domestic Wastewater

Kansas Permit No. C-NE57-0003

Fed. Permit No. KS-0091901

Facility Description: This is a proposed permit for a new Norweco "Modulair" activated sludge plant with chlorination and dechlorination. The effluent limitations are pursuant to Kansas Surface Water Quality Standards, KAR 28-16-28(B-F), and Federal Surface Water Criteria, and are water quality based. The proposed permit contains a schedule of compliance requiring the facility to obtain the services of a KDHE-certified operator.

<b>COFFEYVILLE, CITY OF</b> Coffeyville Mun. Pwr. Plt. P. O. Box 1629 Coffeyville, KS 67337	Verdigris River via Unnamed Trib. via Stormwater Sewer	Cooling Tower & Boiler Blowdown
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Kansas Permit No. I-VE09-PO04

Fed. Permit No. KS-0080039

Facility Description: This facility is a standby electrical generating station used for peaking and emergency power. Wastewater from the facility consists of cooling tower and boiler blowdown discharges. The facility is normally operated during the months of April through September each year. The process wastewater flow is approximately 64,200 gpd. The effluent limitations are pursuant to Kansas Surface Water Quality Standards, KAR 28-16-28(B-F), and Federal Surface Water Criteria, and are water quality based.

<b>FARMLAND INDUSTRIES, INC.</b> P. O. Box 570 Coffeyville, KS 67337	Verdigris River	Treated Process Wastewater & Stormwater
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Kansas Permit No. I-VE09-PO02

Fed. Permit No. KS-0000248

Facility Description: This is a 75,000 barrel per day petroleum refinery. Future refining operations will be 90,000 barrels per day (projected June 1996) and 125,000 barrels per day (projected March 1997). The wastewater treatment facility consists of a stormwater holding pond, oil-water separator, equalization basin, DAF units, CMAS basins, digester, final clarifier and aerobic ponds. The design wastewater flow is 2.2 million gallons per day. The effluent limitations are pursuant to Kansas Surface Water Quality Standards, KAR 28-16-28(B-F), and Federal Surface Water Criteria, and are water quality based.

<b>MCCONNELL AIR FORCE BASE</b> 53000 Hutchinson St. McConnell Air Force Base, KS 67221-3617	Arkansas River via Unnamed Trib.	Treated Groundwater
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Facility Description: Wastewater consists of groundwater generated from remediation of trichloroethylene in the groundwater. The groundwater is collected in a gravel drainage trench and is pumped to a storage tank in the groundwater treatment building. Potassium permanganate is added to the groundwater as is piped to a sand filter which removes particulates. The water then passes through an air stripper to remove volatile organic compounds. The water is discharged to the Base's primary drainage channel. The wastewater flow rate from the remediation activity is 7,2000 gallons per day. The effluent limitations are pursuant to Kansas Surface Water Quality Standards, KAR 28-16-28(B-F), and Federal Surface Water Criteria, and are water quality based.

**WOLF CREEK NUCLEAR OPER.**

P. O. Box 411  
Burlington, KS 66839

Neosho River  
via Wolf Creek  
via Wolf Creek  
Cooling Impound.

Treated Domestic  
Wastewater

Kansas Permit No. I-NE07-PO02

Fed. Permit No. KS-0079057

Facility Description: This is a permit modification. The mechanical domestic wastewater treatment system is being closed eliminating outfall 003 and is being replaced by a 2-cell non-discharging domestic wastewater stabilization lagoon. The effluent limitations are pursuant to Kansas Surface Water Quality Standards, KAR 28-16-28(B-F), and Federal Surface Water Criteria, and are technology based.

Public Notice No. KS-ND-95-83/86

<u>NAME AND ADDRESS OF APPLICANT</u>	<u>LOCATION</u>	<u>TYPE OF DISCHARGE</u>
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**FORMOSO, CITY OF**

City Hall  
110 South Main St.  
Formoso, KS 66942

SW/4, S21, T3S,  
R6W, Jewell  
County

Non-Overflowing

Kansas Permit No. M-LR10-NO01

**HORACE, CITY OF**

City Hall  
Horace, KS 67852

SW/4, S18, T18S,  
R40W, Greeley  
County

Non-Overflowing

Kansas Permit No. M-UA19-NO01

**LONG ISLAND, CITY OF**

City Clerk  
Long Island, KS 67647

SW/4, S24, T1S,  
R20W, Phillips  
County

Non-Overflowing

Kansas Permit No. M-UR13-NO01

Facility Descriptions: The proposed permits for the three facilities list above are for operation of existing non-overflowing wastewater treatment lagoons treating domestic wastes. Disposal of the lagoon wastewater is by percolation and evaporation. The proposed permits contain schedules of compliance requiring the facilities to obtain the services of a KDHE-certified operator by December 31, 1996.

PITTSBURG TRAVEL PLAZA  
1302 S. 69 Highway  
Pittsburg, KS 66762

NW/4, S20, T31S.  
R25E, Cherokee  
County

Non-Overflowing

Kansas Permit No. C-NE57-NO06

Facility Description: The proposed permit is for a new three cell non-discharging wastewater treatment lagoon treating domestic wastes. Disposal of the lagoon wastewater is by percolation and evaporation. The proposed permit contains a schedule of compliance requiring the facility to obtain the services of a KDHE-certified operator by December 31, 1996.

Public Notice No. KS-PT-95-9

<u>NAME AND ADDRESS OF APPLICANT</u>	<u>RECEIVING FACILITY</u>	<u>TYPE OF DISCHARGE</u>
WILDE TOOL CO., INC. 13th and Pottawatomie Hiawatha, KS 66434	Hiawatha (South)	Process Water

Kansas Permit No. P-MO08-OO01

Facility Description: This facility operates as a captive shop in the manufacturing and electroplating of pliers, punches, and chisels. The facility operates nickel and chromium electroplating lines and has a rack strip line and a tool part strip line. They also do some heat treating and solvent degreasing which are also covered by the Metal Finishing standard.

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Persons wishing to comment upon or object to the proposed determinations are invited to submit them in writing to the attention of the Permit Clerk or Lisa Duncan for agricultural permits, Kansas Department of Health and Environment, Division of Environment, Bureau of Water, Forbes Field-Bldg. 283, Topeka, Kansas 66620.

All comments postmarked or received on or before **January 5, 1996** will be considered in the formulation of final determinations regarding this public notice. Please refer to the appropriate application number and name of applicant as listed in preparing your comments.

If no objections are received during the public notice period, the Secretary, State of Kansas Department of Health and Environment will issue the final determination. If response to this notice indicates significant public interest, a public hearing may be held in conformance with State Regulation 28-16-61. Media coordination (newspapers, radio) for publication and/or announcement of the public notice or public hearing is handled by the Kansas Department of Health and Environment.

The application, proposed permit, including proposed effluent limitations and special conditions, fact sheets as appropriate, comments received, and other information are on file and may be inspected at the letterhead address. Division of Environment offices are open from 8:00 A.M. to 4:30 P.M., Monday through Friday.

These documents are available upon request at the copying cost assessed by this agency. Additional copies of this public notice may also be obtained at the letterhead address.