

Permit No. AR0001392  
Application No. AR0001392

AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended,  
(33 U.S.C. 1251 et. seq; the "Act").

Arkansas Power and Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

is authorized to discharge from a facility located at

Arkansas Nuclear One  
Pope County, Arkansas

to receiving waters named

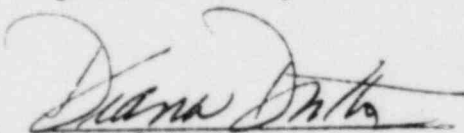
Dardanelle Reservoir

in accordance with effluent limitations, monitoring requirements and other conditions set forth  
in Parts I, II, and III hereof.

This permit shall become effective on July 6, 1981

This permit and the authorization to discharge shall expire at midnight, July 5, 1986

Signed this 5th day of June 1981

  
Diana Dutton  
Director  
Enforcement Division (6AE)

# A-1 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date and lasting through June 30, 1984 the permittee is authorized to discharge from outfall(s) serial number(s) 001, once through cooling water and previously monitored effluents. Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Daily Avg	Daily Max	Daily Avg	Daily Max		
Flow—m <sup>3</sup> /Day (MGD)	N/A	N/A	(1123)	(1145)	Continuous	Record
Temperature	N/A	N/A	40.6 C(105 F)*	43.3 C(110 F)**	Continuous	Record
Free Available Chlorine***	71(156)	181(398)	0.2 mg/l	0.5 mg/l	1/week	Grab

\*See Part III, Paragraph C.

\*\*Instantaneous maximum.

\*\*\*See Part III, Paragraph D.

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored N/A

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
In the discharge canal prior to return to  
Lake Dardanelle.

## A-2 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1984 and lasting through the expiration of this permit the permittee is authorized to discharge from outfall(s) serial number(s) 001, once through cooling water and previously monitored effluents.

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Daily Avg	Daily Max	Daily Avg	Daily Max		
Flow—m <sup>3</sup> /Day (MGD)	N/A	N/A	(1123)	(1145)		Continuous Record
Temperature	N/A	N/A	40.6°C(105°F)*	43.3°C(110°F)**		Continuous Record
Total Residual Chlorine***	N/A	181(398)	N/A	0.5 mg/l	1/week	Grab

\*See Part III, Paragraph C.

\*\*Instantaneous maximum.

\*\*\*See Part III, Paragraph E.

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored N/A

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
In the discharge canal prior to return to Lake Dardanelle.

### A-3 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date and lasting through June 30, 1984  
the permittee is authorized to discharge from outfall(s) serial number(s) 002, cooling tower blowdown.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Daily Avg	Daily Max	Daily Avg	Daily Max		
Flow—m <sup>3</sup> /Day (MGD)	N/A	N/A	(20)	(35)	Daily	Estimate
Free Available Chlorine	15(33)	38(83)	0.2 mg/l	0.5 mg/l	1/week	Grab

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
Prior to mixing with once through cooling water (Outfall 001).

#### A-4 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1984 and lasting through the expiration of this permit the permittee is authorized to discharge from outfall(s) serial number(s) 002, cooling tower blowdown

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Daily Avg	Daily Max	Daily Avg	Daily Max		
Flow—m <sup>3</sup> /Day (MGD)	N/A	N/A	(20)	(35)	Daily	Totalized
Total Residual Chlorine	N/A	10.5(23)	N/A	0.14 mg/l	1/week	Grab

See Part III, Paragraph I.

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
Prior to mixing with once through cooling water (Outfall 001).

# A-5 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date and lasting through the expiration of this permit the permittee is authorized to discharge from outfall(s) serial number(s) 003, oily water separator discharge

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Daily Avg	Daily Max	Daily Avg	Daily Max		
Flow—m <sup>3</sup> /Day (MGD)	N/A	N/A	(0.2)	(0.5)	Daily	Totalized
Total Suspended Solids	23(50)	76(167)	30 mg/l	100 mg/l	1/week	Grab
Oil and Grease	11(25)	15( 33)	15 mg/l	20 mg/l	1/week	Grab

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
Prior to discharge to Lake Dardanelle.



# A-6 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date and lasting through the expiration of this permit the permittee is authorized to discharge from outfall(s) serial number(s) 004, low volume wastewater

Such discharge shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Daily Avg	Daily Max	Daily Avg	Daily Max		
Flow—m <sup>3</sup> /Day (MGD)	N/A	N/A	(.15)	(.3)	Each release	Totalized
Total Suspended Solids	17.1(37.5)	(*)	30 mg/l	100 mg/l	1/week	Grab
Oil and Grease	8.5(18.8)	(*)	15 mg/l	20 mg/l	1/week	Grab

\* Report

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
Prior to release to Lake Dardanelle

# A-7 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date and lasting through the expiration date of this permit the permittee is authorized to discharge from outfall(s) serial number(s) 005, sanitary sewage discharge

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Daily Avg	Daily Max	Daily Avg	Daily Max		
Flow—m <sup>3</sup> /Day (MGD)	N/A	N/A	(.025)	(.1005)	Daily	Estimate
Total Suspended Solids	N/A	N/A	30 mg/l	45 mg/l	1/week	Grab
Biochemical Oxygen Demand (5-day)	N/A	N/A	30 mg/l	45 mg/l	1/week	Grab

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):  
Prior to discharge to Lake Dardanelle



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B. SCHEDULE OF COMPLIANCE Outfalls 001 and 002

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

Progress Report	06/30/82
Progress Report	12/31/82
Progress Report	06/30/83
Progress Report	12/31/83
Progress Report	03/31/84
Achieve Compliance	07/01/84

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions 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 scheduled requirement.

## C. MONITORING AND REPORTING

### 1. *Representative Sampling*

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

### 2. *Reporting*

Monitoring results obtained during the previous 3 months shall be summarized for each month and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed reporting period. The first report is due on October 28, 1981. Duplicate signed copies of these, and all other reports required herein, shall be submitted to the Regional Administrator and the State at the following addresses:

Diana Dutton, Director  
Enforcement Division (6AE)  
U.S. Environmental Protection Agency  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

Jarrell E. Southall, Director  
Arkansas Department of Pollution  
Control and Ecology  
8001 National Drive  
Little Rock, Arkansas 72209

### 3. *Definitions*

- a. The "daily average" discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.
- b. The "daily maximum" discharge means the total discharge by weight during any calendar day.

### 4. *Test Procedures*

Test procedures for the analysis of pollutants shall conform to regulations published pursuant to Section 304(g) of the Act, under which such procedures may be required.

### 5. *Recording of Results*

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;
- c. The person(s) who performed the analyses;

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d. The analytical techniques or methods used; and

e. The results of all required analyses.

**6. *Additional Monitoring by Permittee***

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form (EPA No. 3320-1). Such increased frequency shall also be indicated.

**7. *Records Retention***

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years, or longer if requested by the Regional Administrator or the State water pollution control agency.

**A. MANAGEMENT REQUIREMENTS****1. *Change in Discharge***

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

**2. *Noncompliance Notification***

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, the permittee shall provide the Regional Administrator and the State with the following information, in writing, within five (5) 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 being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

**3. *Facilities Operation***

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

**4. *Adverse Impact***

The permittee shall take all reasonable steps to minimize any adverse impact to navigable waters 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.

**5. *Bypassing***

Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited, except (i) where unavoidable to prevent loss of life or severe property damage, or (ii) where excessive storm drainage or runoff would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit. The permittee shall promptly notify the Regional Administrator and the State in writing of each such diversion or bypass.

#### 6. *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 such as to prevent any pollutant from such materials from entering navigable waters.

#### 7. *Power Failures*

In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

- a. In accordance with the Schedule of Compliance contained in Part I, provide an alternative power source sufficient to operate the wastewater control facilities;

or, if such alternative power source is not in existence, and no date for its implementation appears in Part I,

- b. Halt, reduce or otherwise control production and/or all discharges upon the reduction, loss, or failure of the primary source of power to the wastewater control facilities.

### B. RESPONSIBILITIES

#### 1. *Right of Entry*

The permittee shall allow the head of the State water pollution control agency, the Regional Administrator, and/or their authorized representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any discharge of pollutants.

#### 2. *Transfer of Ownership or Control*

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Regional Administrator and the State water pollution control agency.

#### 3. *Availability of Reports*

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public



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inspection at the offices of the State water pollution control agency and the Regional Administrator. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

4. *Permit Modification*

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

5. *Toxic Pollutants*

Notwithstanding Part II, B-4 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act 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 and the permittee so notified.

6. *Civil and Criminal Liability*

Except as provided in permit conditions on "Bypassing" (Part II, A-5) and "Power Failures" (Part II, A-7), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. *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 under Section 311 of the Act.

8. *State Laws*

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 established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.



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### 9. *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 infringement of Federal, State or local laws or regulations.

### 10. *Severability*

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

## PART III

### OTHER REQUIREMENTS

A. There shall be no discharge of polychlorinated biphenyl transformer fluid.

B. The "daily average" concentration means the arithmetic average (weighted by flow value) of all the daily determinations of concentration made during a calendar month. Daily determinations of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily determination of concentration shall be the arithmetic average (weighted by flow value) of all the samples collected during that calendar day.

The "daily maximum" concentration means the daily determination of concentration for any calendar day.

C. Daily average temperature is defined as the flow weighted average temperature (FWAT) and shall be computed and recorded on a daily basis. FWAT shall be computed at equal time intervals not greater than two hours. The method of calculating FWAT is as follows:

$$\text{FWAT} = \frac{\text{SUMMATION (INSTANTANEOUS FLOW X INSTANTANEOUS TEMPERATURE)}}{\text{SUMMATION (INSTANTANEOUS FLOW)}}$$

D. The term "free available chlorine" shall mean the value obtained using the amperometric titration method for free available chlorine described in "Standard Methods for the Examination of Water and Wastewater," page 112 (13th edition).

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Neither free available chlorine nor total residual chlorine 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 chlorine at any one time unless the permittee can demonstrate to the permitting Agency that the units in a particular location cannot operate at or below the limitations specified in this permit.

E. The term "total residual chlorine" (or total residual oxidants for intake water with bromides) means the value obtained using the amperometric method for total residual chlorine described in "Standard Methods for the Examination of Water and Wastewater." p. 112 (13th edition).

G. Noncompliance reporting for upsets and bypasses shall be made within 24 hours to EPA Region 6 followed by a written report in five days. Violations of daily maximum limitations for pollutants listed below will also be reported in 24 hours followed by a written report in five days. Violations of daily maximum limitations for all other pollutants identified elsewhere in this permit shall be reported in writing within five days.

Chlorine

H. The conditions applicable to all permits under 40 CFR 122.7, 122.15, 122.60, 122.61 and 122.62 (as promulgated in the May 19, 1980, Federal Register) are hereby incorporated into this permit and prevail over any inconsistent requirements of this permit.

I. There shall be no discharge of cooling tower maintenance chemicals which contain the 129 priority pollutants (Appendix B of 40 CFR, Part 423).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI  
1201 ELM STREET  
DALLAS, TEXAS 75270

RECEIVED  
JUN 9 1981

ARKANSAS POWER & LIGHT CO.  
TECHNICAL ANALYSIS SECTION

NPDES DETERMINATION

After considering the facts and the requirements and policies expressed in PL 95-217 and implementing regulations, I have determined that proposed Permit No. AR0001392, Arkansas Power and Light Company shall be modified and issued as indicated in a Public Notice of modification, subject to timely certification (or waiver thereof) by the state certifying agency, provided however, that any condition(s) contested in a request for an Evidentiary Hearing submitted within 30 days from receipt of this determination as in accordance with new 40 CFR 124.74 (45 Fed. Reg. 33498, May 19, 1980) may be stayed if the request for a Hearing is granted.

Dated: June 5, 1981

Diana Dutton  
Director  
Enforcement Division (6AE)

U.S. ENVIRONMENTAL PROTECTION AGENCY

STATE OF ARKANSAS

PUBLIC NOTICE JUNE 6, 1981

The purpose of this notice is to state EPA's intention to modify authorization to discharge wastewater heretofore issued to the applicant(s) identified in the attached list under the authority of Section 402 of the Clean Water Act of 1977 (Public Law 95-217).. This proposed modification of heretofore issued authorization(s) has been made on the basis of staff review by the Environmental Protection Agency, after consultation with the appropriate state agency, and after determining that the original permit(s) does not represent current-existing discharge conditions.

It is the tentative determination of the Region VI staff to modify this permit(s) and it/they shall become effective on SEPTEMBER 6, 1981 unless:

- a. The state certifying agency denies certification prior to that date.
- b. Comments received prior to JULY 6, 1981 warrant a substantial change from or denial of the proposed permit(s).
- c. A public hearing is held requiring delay of the effective date.

Persons wishing to comment upon or object to the proposed determination(s) are invited to submit same in writing to:

Ms. Mary Calahan  
Environmental Protection Agency  
Permits Branch (6AEPAP) Region VI  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

Within thirty (30) days of publication date of the Public Notice of this application(s). The application number should appear next to the above address on the first page of any submitted comments. All comments or objections received within this 30-day period will be considered in the formulation of final determination regarding the applications and a public hearing shall be held where the Agency finds a significant degree of public interest.

Any person may submit a request for an evidentiary hearing within 30 days from receipt of the Agency's determination to issue, modify, or deny the permit. The contested provisions of the proposed permit shall then be stayed pending final action of the Agency pursuant to new 40 CFR 124.71 et seq. (Federal Register Volume 44, No. 111, Thursday June 7, 1979, page 32938).

Requirements which must be satisfied prior to the granting of a request for an evidentiary hearing or for requests to be party at an evidentiary hearing may be obtained from new 40 CFR 124.71. Further information may be obtained at the above address, or telephone (214) 767-2765, between 8 a.m. and 4:30 p.m., Monday thru Friday.

3. Permit No. AR0001392 for NPDES Authorization to Discharge to waters of the United States, Public notice of which was issued on February 13, 1981.

The applicant's mailing address is: Arkansas Power & Light Company,  
P.O. Box 551  
Little Rock, Arkansas 72203

The discharge is made into Dardanelle Reservoir, a water of the United States which is suitable for primary contact recreation, propagation of desirable species of fish, wildlife and other aquatic life; raw water sources of public water supplies; and other compatible uses and is located on that water at the Arkansas Nuclear One Steam Electric Station on Lake Dardanelle, near Russellville, Pope County, Arkansas. A fact sheet is available. The applicant's activities, under the standard industrial classification (SIC) code 4911 which result in the existing discharge are the generation of electrical power for transmission and sale.

The changes from the heretofore issued authorization to discharge wastewater are:

1. Effective July 1, 1984 no discharge of total residual chlorine is allowed from Outfall 001, once-through cooling water.
2. Effective July 1, 1984 chlorine discharge from Outfall 002, cooling tower blowdown, is limited to 0.14 mg/l total residual chlorine.

The substantial change from the proposed permit are as follows:

1. For outfall 001, the daily average flow limitation is increased to 1123 MGD.
2. For outfall 002, totalized flow monitoring is deferred until July 1, 1984
3. For outfall 004, daily average flow is changed to 0.15 MGD and daily maximum flow is changed to 0.3 MGD. For total suspended solids the daily average mass discharge limitation is changed to 37.5 lbs/day and the daily maximum mass discharge limitation is removed. For oil and grease the daily average mass discharge limitation is changed to 18.8 lbs/day and the daily maximum mass discharge limitation is removed.
4. For outfall 005, daily average flow is changed to 0.025 MGD.
5. For outfall 001, effective July 1, 1984 total residual chlorine limits are changed to 0.5 mg/l daily maximum.