

NAME **ARKANSAS POWER & LIGHT CO**
 ADDRESS **WM CAVANAUGH III**
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

(2-16) **AR0001392** (17-19) **001**
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 FROM **82 04 01** TH **82 04 30**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
RU

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
Once Through Cooling Water (001) Flow	SAMPLE MEASUREMENT	591.6	1143.5	MGD				0	Cont.	Recor
	PERMIT REQUIREMENT	1123	1145						Cont.	Recor
Temperature	SAMPLE MEASUREMENT	62.9	69.2	°F				0	Cont.	Recor
	PERMIT REQUIREMENT	105	110						Cont.	Recor
Free Available Chlorine	SAMPLE MEASUREMENT	0.904	3.76	Kg/day	N/A	.044	0.13	0	2/7	Grab
	PERMIT REQUIREMENT	71	181		NOT SPECIFIED	0.2	0.5		1/7	Grab
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. M. Levine
 General Manager
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. Penalties under these statutes may include fines up to \$1,000 and/or maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
J. M. Levine

TELEPHONE 501 964-3100
 DATE 1982 07 14
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

8208060155 820729
 PDR ADDCK 05000313
 PDR

NAME **ARKANSAS POWER & LIGHT CO**
 ADDRESS **WM CAVANAUGH III**
ARK NUCLEAR-P O BOX 951
LITTLE ROCK AR 72213 **4**
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

002
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM **82 04 01** **TH** **82 04 30**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
RU

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Cooling Tower Blow-down Water (002) Flow	SAMPLE MEASUREMENT	3.5	5.76	MGD					0	Daily	Estimate
	PERMIT REQUIREMENT	20	35							Daily	Estimate
Free Available Chlorine	SAMPLE MEASUREMENT	0.025	0.032	kg/day	N/A	0.1	0.1	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT	15	38		NOT SPECIFIED	0.2	0.5			1/7	Grab
pH	SAMPLE MEASUREMENT				7.6	N/A	8.4	pH	0	17/30	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. M. Levine
 General Manager
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

J. M. Levine
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE **501 964-3100**
 DATE **1982 07 14**
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AP0001392
 PERMIT NUMBER

003
 DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
82	04	01	TH	82	04	30
(20-21)	(22-23)	(24-25)	RU	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Oily Water Separator Discharge (003) Flow	SAMPLE MEASUREMENT	.1054	.2034	MGD					0	Daily	Totalized
	PERMIT REQUIREMENT	0.2	0.5							Daily	Totalized
Total Suspended Solids	SAMPLE MEASUREMENT	4.11	4.99	Kg/day	N/A	8.64	15.0	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT	23	76		NOT SPECIFIED	30	100			1/7	Grab
Oil and Grease	SAMPLE MEASUREMENT	7.87	14.73	Kg/day	N/A	12.47	19.2	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT	11	15		NOT SPECIFIED	15	20			1/7	Grab
pH	SAMPLE MEASUREMENT				6.5	N/A	7.3	pH	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. M. Levine
 General Manager
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

J. M. Levine
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 501 964-3100
 DATE 1982 07 14
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

004
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR MO DAY YEAR MO DAY
 82 04 01 74 82 04 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
 RU

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (54-55)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Low Volume Waste Water (004) Flow	SAMPLE MEASUREMENT	.088131	.341390*	MGD					1	Each Release	Total-sized
	PERMIT REQUIREMENT	0.15	0.3							Each Release	Total-sized
Total Suspended Solids	SAMPLE MEASUREMENT	5.1	7.1	Kg/day	N/A	11.2	25.3	mg/1	0	1/7	Grab
	PERMIT REQUIREMENT	17.1	N/A		NOT SPECIFIED	30	100			1/7	Grab
Oil and Grease	SAMPLE MEASUREMENT	0.3	0.5	Kg/day	N/A	0.9	3.0	mg/1	0	1/7	Grab
	PERMIT REQUIREMENT	8.5	N/A		NOT SPECIFIED	15	20			1/7	Grab
pH	SAMPLE MEASUREMENT				6.0	N/A	9.0	pH	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. M. Levine General Manager	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE 501 964-3100	DATE			
			1982	07	14	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>J. M. Levine</i>	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

*Ref. CL-2048



ARKANSAS POWER & LIGHT COMPANY
FIRST NATIONAL BUILDING/P.O. BOX 551/LITTLE ROCK, ARKANSAS 72203/(501) 371-4422

May 21, 1982

WILLIAM CAVANAUGH, III
Senior Vice President
Energy Supply

CL-2048

Mr. Dick Whittington
Regional Administrator
United States Environmental
Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

REFERENCE: Arkansas Nuclear One
NPDES Permit Number AR0001392

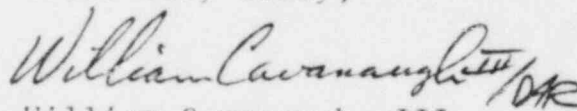
Dear Mr. Whittington:

This letter represents a noncompliance report as required by Part II, Paragraph A.2 of the above referenced Permit.

On April 28, 1982, the flow limitation (0.15 MGD daily average and 0.30 MGD daily maximum) for outfall 004, low volume wastewater, was exceeded due to a discharge on this date of 0.34 MGD. All other parameters were within limits. This violation was not detected until May 14, 1982, because flow accounting is performed monthly to accrue data for the Discharge Monitoring Reports. This high discharge volume was related to the simultaneous start-up of both units which resulted in an abnormally high number of releases for this outfall.

We are implementing administrative actions that will include a daily accounting of the volume released via outfall 004 and should prevent a recurrence of this violation.

Yours very truly,


William Cavanaugh, III

WC/DLS/ew

cc: Messrs. J. L. Maulden
W. G. Coleman
J. D. Jackson
J. Levine

C. L. Steel
D. L. Swindle
J. M. Griffin
J. Southall, Director
Arkansas Department of
Pollution Control and Ecology

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

(2-16) (17-19)

AR0001392 PERMIT NUMBER	005 DISCHARGE NUMBER
----------------------------	-------------------------


MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
82	04	01	82	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FROM **TH** **RU**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
Sanitary Sewage Discharge (005) Flow	SAMPLE MEASUREMENT	.012600	.0210	MGD					0	Daily	Estimate
	PERMIT REQUIREMENT	0.025	0.1005							Daily	Estimate
Total Suspended Solids	SAMPLE MEASUREMENT				N/A	5.00	9.0	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT				NOT SPECIFIED	30	45			1/7	Grab
Biochemical Oxygen Demand	SAMPLE MEASUREMENT				N/A	12.44	15.8	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT				NOT SPECIFIED	30	45			1/7	Grab
pH	SAMPLE MEASUREMENT				6.2	N/A	7.3	pH	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE
J. M. Levine General Manager		501 964-3100	1982 07 14
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

(2-16)
AR0001392
 PERMIT NUMBER

(17-19)
001
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 82	05	01	TH 82	05	31
(20-21)	(22-23)	(24-25)	RU	(26-27)	(28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (45-53)			(4 Card Only) QUALITY OR CONCENTRATION (35-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (54-61)	UNITS	MINIMUM (35-45)	AVERAGE (45-53)	MAXIMUM (54-61)	UNITS			
Once Through Cooling Water (001) Flow	SAMPLE MEASUREMENT	785.5	1143	MGD					0	Cont.	Record
	PERMIT REQUIREMENT	1123	1145							Cont.	Record
Temperature	SAMPLE MEASUREMENT	79.7	92	O F					0	Cont.	Record
	PERMIT REQUIREMENT	105	110							Cont.	Record
Free Available Chlorine	SAMPLE MEASUREMENT	2.359	5.783	Kg/day	N/A NOT SPECIFIED	0.084	0.2	mg/l	0	2/7	Grab
	PERMIT REQUIREMENT	71	181			0.2	0.5			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. M. Levine General Manager TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>J.M. Levine</i>	501	964-3100	1982	07
		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

002
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	05	01	82	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Cooling Tower Blow-down Water (002) Flow	SAMPLE MEASUREMENT	3.569	5.76	MGD					0	Daily	Estimate
	PERMIT REQUIREMENT	20	35							Daily	Estimate
Free Available Chlorine	SAMPLE MEASUREMENT	.028	.091	kg/day	N/A	0.1	0.2	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT	15	38		NOT SPECIFIED	0.2	0.5			1/7	Grab
pH	SAMPLE MEASUREMENT				7.7	N/A	8.6	pH	0	23/31	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

J. M. Levine
 General Manager

TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DA
501	964-3100	1982	07	14

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

003
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	05	01	82	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
Oily Water Separator Discharge (003) Flow	SAMPLE MEASUREMENT	.1155	.2204	MGD				0	Daily	Total ized
	PERMIT REQUIREMENT	0.2	0.5						Daily	Total ized
Total Suspended Solids	SAMPLE MEASUREMENT	3.89	6.51	Kg/day	N/A	7.85	17.5	0	1/7	Grab
	PERMIT REQUIREMENT	23	76		NOT SPECIFIED	30	100		1/7	Grab
Oil and Grease	SAMPLE MEASUREMENT	6.58	12.58	Kg/day	N/A	10.36	17.4	0	1/7	Grab
	PERMIT REQUIREMENT	11	15		NOT SPECIFIED	15	20		1/7	Grab
pH	SAMPLE MEASUREMENT				7.2	N/A	7.4	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0		1/7	Grab
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. M. Levine
 General Manager
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 501 964-3100
 AREA CODE NUMBER
 DATE
 1982 07 14
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

004
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	05	01	82	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-62)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLI TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Low Volume Waste Water (004) Flow	SAMPLE MEASUREMENT	0.142517	0.2976	MGD					0	Each Release	Total ized
	PERMIT REQUIREMENT	0.15	0.3							Each Release	Total ized
Total Suspended Solids	SAMPLE MEASUREMENT	93.8	456.5	Kg/day	N/A	178.4	868*	mg/1	1	1/7	Grab
	PERMIT REQUIREMENT	17.1	N/A		NOT SPECIFIED	30	100			1/7	Grab
Oil and Grease	SAMPLE MEASUREMENT	2.1	8.8	Kg/day	N/A	3.9	16.8	mg/1	0	1/7	Grab
	PERMIT REQUIREMENT	8.5	N/A		NOT SPECIFIED	15	20			1/7	Grab
pH	SAMPLE MEASUREMENT				6.1	N/A	9.0	pH	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
J. M. Levine General Manager		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	501 964-3100	1982	07
TYPED OR PRINTED		AREA CODE NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

*Ref. CL-2112



ARKANSAS POWER & LIGHT COMPANY
FIRST NATIONAL BUILDING/P.O. BOX 551/LITTLE ROCK, ARKANSAS 72203/(501) 371-4422

June 23, 1982

WILLIAM CAVANAUGH, III
Senior Vice President
Energy Supply

CL-2112

Mr. Dick Whittington
Regional Administrator
United States Environmental Protection
Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

REFERENCE: Arkansas Nuclear One
NPDES Permit Number AR000i392

Dear Mr. Whittington:

This letter represents a noncompliance report as required by Part II, Paragraph A.2 of the above referenced Permit.

On June 4, 1982 the limit for total suspended solids (permit limits 30 mg/l daily average, 100 mg/l daily maximum and 17.1 kg/day) for outfall 004, low volume waste, was exceeded due to a discharge concentration on this date of 868 mg/l or 457.5 kg/day. All other parameters were within limits.

Analysis from this outfall is accomplished with a composite sample which is gathered over a one week period; therefore, results are not available until after the weekly composite sample is completed. This violation was reported to the General Office on June 16, 1982.

An investigation has revealed that this violation was caused by events following a primary to secondary leak in the ANO-1 steam generator. The unit was shut down to repair the leak and the contents of the steam generators were drained to the turbine building sump. Because the contents of the steam generators were potentially radioactive, the water had to be collected and sampled to ascertain its radioactivity or lack thereof. To accomplish this collection, the turbine building sump discharge had to be diverted from its normal treatment system (the oily-water separator and dissolved air flotation polisher) to the 65,000 gallon neutralization tank. Once the water was in the tank, no means existed for conveying the water back to the oily water separator treatment system. It was therefore discharged from the neutralization tank without its normal processing. It should be noted that these primary to secondary leaks are infrequent in occurrence.

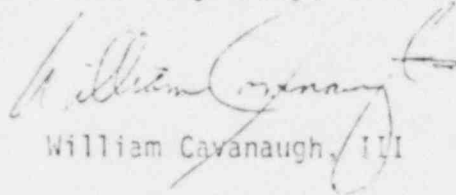
CL-2112
Mr. Dick Whittington

-2-

June 23, 1982

We are presently evaluating alternative procedures for the accounting of radioactive liquid releases during these unusual occurrences. We are also evaluating the option of further treatment of discharges from the neutralization tank. We will choose the best alternative to ensure that a violation of this type does not occur in the future.

Yours very truly,



William Cavanaugh III

WC/DLS/ew

cc: Messrs. J. L. Maulden
C. L. Steel
W. G. Coleman
D. L. Swindle ✓
J. D. Jackson
J. M. Griffin
J. Levine
J. Southall, Director
Arkansas Department of Pollution Control
and Ecology

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 **4**
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

005
 DISCHARGE NUMBER

MONITORING PERIOD								
FROM			THRU			TO		
YEAR	MO	DAY	YEAR	MO	DAY	YEAR	MO	DAY
82	05	01	82	05	31			
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)			

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Sanitary Sewage Discharge (005) Flow	SAMPLE MEASUREMENT	.010613	.021	MGD				0	Daily	Estimate	
	PERMIT REQUIREMENT	0.025	0.1005						Daily	Estimate	
Total Suspended Solids	SAMPLE MEASUREMENT				N/A	4.96	7.0	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT				NOT SPECIFIED	30	45			1/7	Grab
Biochemical Oxygen Demand	SAMPLE MEASUREMENT				N/A	12.55	19.5	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT				NOT SPECIFIED	30	45			1/7	Grab
pH	SAMPLE MEASUREMENT				6.2	N/A	6.7	pH	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. M. Levine
 General Manager
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and a maximum imprisonment of between 6 months and 5 years.)

J. M. Levine
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: **501 964-3100**
 AREA CODE NUMBER
 DATE: **1982 07 14**
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME **ARKANSAS POWER & LIGHT CO**
 ADDRESS **WM CAVANAUGH III**
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

001
 DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
82	06	01	TH	82	06	30
(20-21)	(22-23)	(24-25)	RU	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
Once Through Cooling Water (001) Flow	SAMPLE MEASUREMENT	1023	1129	MGD						0	Cont.	Recor	
	PERMIT REQUIREMENT	1123	1145									Cont.	Recor
Temperature	SAMPLE MEASUREMENT	86.4	94.8	°F						0	Cont.	Recor	
	PERMIT REQUIREMENT	105	110									Cont.	Recor
Free Available Chlorine	SAMPLE MEASUREMENT	2.137	5.25	Kg/day	N/A	0.078	0.18	mg/l		0	2/7	Grab	
	PERMIT REQUIREMENT	71	181		NOT SPECIFIED	0.2	0.5					1/7	Grab
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. M. Levine General Manager	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE 501 964-3100	DATE			
			1982	07	14	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>J. M. Levine</i>	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 158-R00

NAME **ARKANSAS POWER & LIGHT CO**
ADDRESS **WM CAVANAUGH III**
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4

AR0001392
PERMIT NUMBER

002
DISCHARGE NUMBER

FACILITY _____
LOCATION _____

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	06	01	82	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FROM **RU**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Cooling Tower Blow-down Water (002) Flow	SAMPLE MEASUREMENT	5.257	5.76	MGD					0	Daily	Estimate
	PERMIT REQUIREMENT	20	35							Daily	Estimate
Free Available Chlorine	SAMPLE MEASUREMENT	.026	.045	kg/day	N/A	.058	0.1	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT	15	38		NOT SPECIFIED	0.2	0.5		1/7	Grab	
pH	SAMPLE MEASUREMENT				7.8	N/A	8.6	pH	0	19/30	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0		1/7	Grab	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. M. Levine
General Manager
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.

J. M. Levine
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
501 964-3100
AREA CODE NUMBER
DATE
1982 07 14
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME ARKANSAS POWER & LIGHT CO
 ADDRESS WM CAVANAUGH III
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

003
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	06	01	82	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Oily Water Separator Discharge (003) Flow	SAMPLE MEASUREMENT	0.1834	0.2523	MGD					0	Daily	Totalized
	PERMIT REQUIREMENT	0.2	0.5								Daily
Total Suspended Solids	SAMPLE MEASUREMENT	8.97	11.53	Kg/day	N/A	13.2	20.5	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT	23	76		NOT SPECIFIED	30	100				1/7
Oil and Grease	SAMPLE MEASUREMENT	6.85	8.44	Kg/day	N/A	9.2	9.95	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT	11	15		NOT SPECIFIED	15	20				1/7
pH	SAMPLE MEASUREMENT				7.2	N/A	7.9	pH	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0				1/7
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. M. Levine General Manager TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 19 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE 501 964-3100	DATE			
			1982	07	14	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>J. M. Levine</i>		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME **ARKANSAS POWER & LIGHT CO**
 ADDRESS **WM CAVANAUGH III**
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

004
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	06	01	82	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
Low Volume Waste Water (004) Flow	SAMPLE MEASUREMENT	.109252	.252667	MGD				0	Each Release	Total-ize
	PERMIT REQUIREMENT	0.15	0.3						Each Release	Total-ized
Total Suspended Solids	SAMPLE MEASUREMENT	10.9	26.0	Kg/day	N/A	26.4	61.0	0	1/7	Grab
	PERMIT REQUIREMENT	17.1	N/A		NOT SPECIFIED	30	100		1/7	Grab
Oil and Grease	SAMPLE MEASUREMENT	0.4	0.7	Kg/day	N/A	1.0	1.9	0	1/7	Grab
	PERMIT REQUIREMENT	8.5	N/A		NOT SPECIFIED	15	20		1/7	Grab
pH	SAMPLE MEASUREMENT				6.2	N/A	9.0	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0		1/7	Grab
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. M. Levine
 General Manager
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)

J.M. Levine
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
501 964-3100
 AREA CODE NUMBER
 DATE
1982 07 14
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME **ARKANSAS POWER & LIGHT CO**
 ADDRESS **WM CAVANAUGH III**
ARK NUCLEAR-P O BOX 551
LITTLE ROCK AR 72213 4
 FACILITY _____
 LOCATION _____

AR0001392
 PERMIT NUMBER

005
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM **82 06 01 TH** **82 06 30**
(20-21) (22-23) (24-25) RU (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Sanitary Sewage Discharge (005) Flow	SAMPLE MEASUREMENT	.0125	.0210	MGD				0	Daily	Estimate	
	PERMIT REQUIREMENT	0.025	0.1005						Daily	Estimate	
Total Suspended Solids	SAMPLE MEASUREMENT				N/A	12.04	31.0	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT				NOT SPECIFIED	30	45			1/7	Grab
Biochemical Oxygen Demand	SAMPLE MEASUREMENT				N/A	11.67	13.0	mg/l	0	1/7	Grab
	PERMIT REQUIREMENT				NOT SPECIFIED	30	45			1/7	Grab
pH	SAMPLE MEASUREMENT				6.1	N/A	6.5	pH	0	1/7	Grab
	PERMIT REQUIREMENT				6.0	NOT SPECIFIED	9.0			1/7	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. M. Levine
 General Manager
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

J. M. Levine
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
501 964-3100
 AREA CODE NUMBER
 DATE
1982 07 14
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)