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SUBJECT: "ADEM Discharge Monitoring Rept," for Jun 1991.

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	RGN2 DRSS/RPB	2	2	RGN2 FILE 02	1 1
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ATTACHMENT I

ADEM DISCHARGE MONITORING REPORT

0500025

PDŘ

X MONTHLY

MONTH: June 19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611

NPDES NO. ALOO22080 MAJOR

	DSNO	01					6 Hr	Hourly	-	 			EFFECT	IVE: 10	/15/89		
PARAM	Flow	PH I	CI,TA	Amb, RT	DRT	Temp,R_	Temp	Temp	Hyd	67 - Re	port VI	olation	s Only		1		~
AVG	Mon	6.0 min	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2/ 5/ -	Measure	ment Fr	equency		1		-1
MAX	Mon	19.0	730	Mon	90 F	10 F	92 F	93_F	0.01		in your	permit.			1	T	-1
FREQ	Cont	1/wk	6/	2/5/	1/day	1/day	1/day	1/day	1/wk						1		-1
UNITS	MGD	s.u.	PPD		٥F	٥F	٥F	٥F	_mg/1						1	f=	-1
	624.	1		80.5	82.1	2.2	0	82.9						1	1	T	-1
2	624.	1	1	81.1	81.6	1.0	0	82.2							1	1	
3	624.	1	1	82.5	84.8	3.2	0	85.5						· · · · · · · · · · · · · · · · · · ·	1	t	
4	624.	7.7	l	82.3	84.6	2.8	0	86.3	<0.01					l	1	1	-1-
5	624.	1		81.6	85.4	3.9	0	87.2			1				1	1	-
6	624.	1	1	81.4	85.3	3.9	0	84.7						1	1	t	-1
7	624.	1		80.7	82.8	2.2	0	81.6							1	1	-1
8	624.	1		80.9	81.2	0.5	0	82.5						J	1	<u></u>	-1
9	624.	1	1	81.3	81.4	0.5	0	83.0						· · · · · · · · · · · · · · · · · · ·	1		-1
10	624.	1		82.3	82.8	0.6	0	82.9							1	t	-1
	624.	7.7	1	82.2	82.1	0.2	0	81.7	<0.01						1	t	-
12	624.	1	1	81.6	81.2	0.2	0	81.5						<u> </u>	1	<u></u>	-1
13	624.	1	1	82.1	82.1	0.0	0	84.0					i	· · · · · · · · · · · · · · · · · · ·	1	†	-1
14	624.	1	1	82.3	82.5	0.3	0	82.9						<u> </u>	1	T	-
15	624.	1	1	82.5	82.4	0.3	0	83.6						·	1	1	-1
16	624.	1	1	83.1	82.9	-0.1	0	83.9						[1	1	-1
17	624.	1	1	83.0	83.1	0.3	0	83.9							1	†	-1
18	624.	7.9	1	83.5	83.2	0.2	0	84.0	<0.01	1					1	t	-1
19	624.	1	1	84.2	83.6	-0.4	0	86.0		 1				1	1	†	-
20	624.	1	1	84.6	83.9	-0.6	0	86.1	1	 1				1		t	-1
21	624.	1	1	84.8	84.4	-0.1	0	85.3	1	 1					1	†	-1
22	624.			84.4	84.3	0.3	0	84.3		 1				<u> </u>	1	t	-1
23	624.	1	1	83.3	83.6	0.3	0	85.4	T	1				1	1	†	-1
24	624.	1		83.4	83.2	0.3	0	83.3		 				·	1	t	2
25	624.	7.8	1	83.2	82.6	0.8	0	82.1	<0.01	1				· · · · · ·	1	†	
26	624.	1	· · · · ·	81.3	82.1	1.3	0	82.1		1				i	1	<u> </u>	-
27	624.	1	1	80.1	81.0	0.8	0	79.5	1	T				1		t	-
28	624.	1	1	80.5	79.8	-0.3	0	81.6		T				i	1	t	-1
<u>28</u> 29	624.	1	T	81.8	81.7	-0.1	0	84.6						T	1	1	-1
30	624.	1	1	82.6	82.8	0.6	0	85.2		T				·	1	1	-1
31	1		1	1					1	 1				1	1	t	-
MO AVG	624.	7.8	1	82.3	82.8	0.8	0	83.7	<0.01	1				 	+	1	-1
MAX	624.	7.9	1	84.8	85.4	3.9	0	87.2	<0.01					i	1	t	-1

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

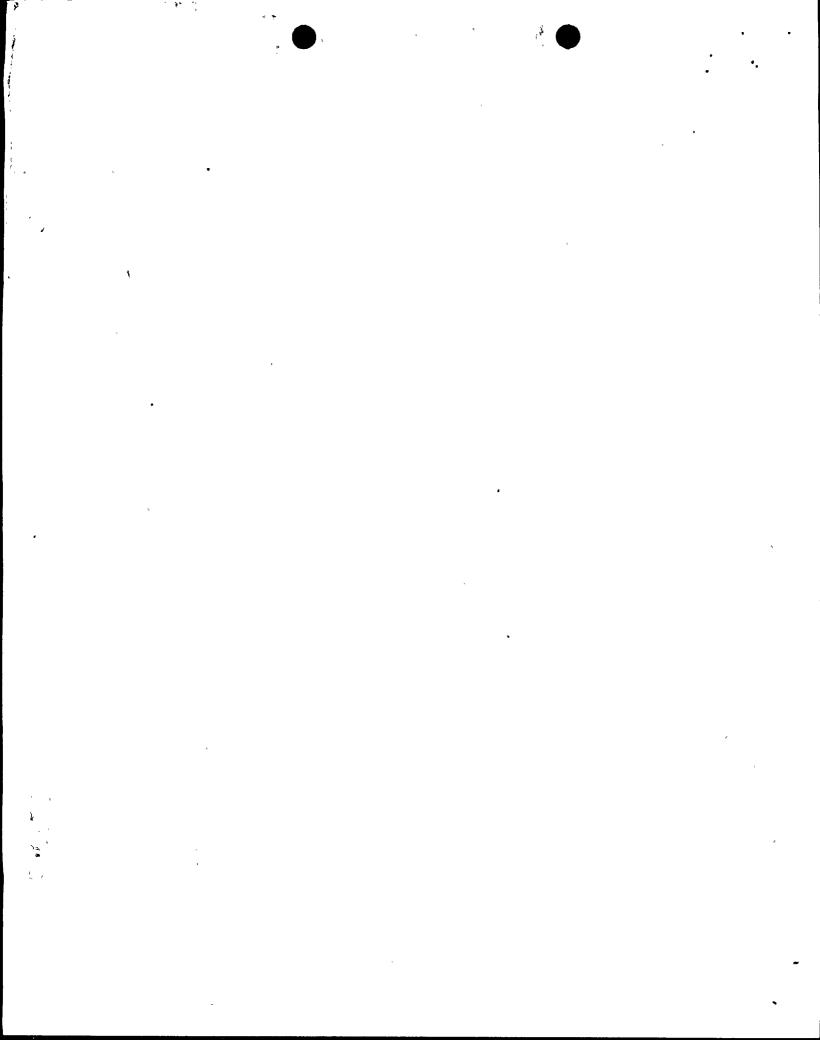
Date

JUL

Signature of Responsible Official 2107300052 910630 PDR ADOCK 050002

TEA

ADEM FORM 261 (B) 1/88



X MONTHLY

MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611 NPDES NO. AL0022080 MAJOR

•	DSN0014	(Former	-ly 103)					 					EFFECT	VE: 10	/15/89	•	
PARAM	Flow	08G	TSS							•							
AVG	Mon	15.0	30.0		· / 1					·•	5 L 11					İ	
MAX FREQ UNITS	Mon	20.0	100.0										-			Ĺ	_
FREO	1/wk	17wk	1/wk_														
UNITS	MGD	mg/1	mg/l														
																	7
2																(
3																	
4														ĺ			Т
5												1					-1
6								 									-1
1	-000012	<5,<5	13.12		REPLIC	ATE ANALY	SIS	 								·	-1
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	-140	- 3-	10					 						· · · · ·			-1
14	.140	<u> </u>	<u> </u>					 							{		-
15		 	I					 								├ ────	
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17		ļ						 								 	-1
18		l						 							Į	{	-1
19								 							· · · · · · · · · · · · · · · · · · ·	 	
20		<u></u>						 							<u> </u>	 	-1
								 							<u> </u>		
8 9 20 21 22 23		I	L					 								 	_
23								 ļ	ļ	I					<u> </u>	 	لمر
<u>24</u> 25			I					 l					l				
25	.0960	- 35	24			L		 		I					L		
26			1					 I					I		.I	I	_
27									L	L					I		
28	.0960	<5	13					 		L			l		<u> </u>		
26 27 28 29 30 31																	
30										1							
		1															
MO AVG	.083	<5	14														
MAX	.140	- 35	24														

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Signature of Responsible Official _

ADEM FORM 261 (B) 1/88

X MONTHLY

MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611 NPDES NO. AL0022080 MAJOR

	DSNOOI	Ь		2/	2/			 					EFFECT	VE: 10/	5/89	
PARAM	Flow	O&G	TSS	Cu,T	fe,ĭ											
AVG	Mon	15.0	30.0	N/A	N/A			2/WIII	be appl	icable -	ou kywh	en chem	ical me	tal cle	aning	
MAX	Mon	20.0	100.0	1.0	1.0			sol	utions	are use	d. The	rest_lo	cated	in Perm	it.	
FREQ	17Bat	2/wk	2/wk	1/Bat	17Bat											
UNITS	MGD	mg/1	mg/l	mg/l	mg/I											
	.056821															
2	.034665	<5														
- 3	.050734															E R
	.049497		<u> ,< </u>		REPLI	CATE ANAL	YSIS	 								
- 5	.036232	12	15													
6	.086654															
	.090154															
8	.104608	<5														
9	.135862	<5														
10	.104841	<5	<			i .										
-11	.136787															
12	.107558	1	2													
-13	.031794															
14	.030486	[[
15	.073602	1	I													
16	.056220	- 3														
17	.083286	<5	4,9,<1					1								
18	129812									·						
19	132806		4													
20	. 18356															
21	.030278	I														
22	NO RELEA	ASE														
23	NO RELE	ASE														
-24	.046624	<5,<5	4													
- 25	.058162		<u> <</u>													
26	.030458		•					 l		1						
27	NO RELEA	ASE														
28	.030920						1									
29	.095109	l –														
30	.039541	र, ८५	3													
31																F
MO AVG	.073402	<6	<5						I							[
MAX	.136787	12	15						1							

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ADEM FORM 261 (B) 1/88

X MONTHLY

MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611

NPDES NO. AL0022080 MAJOR

	DSN001c	: (Former	1y 107) 1SS 30.0					-	 			 EFFECT	VE: 10/	15/89	
PARAM	Flow	O&G	TSS												
AVG	Mon	15.0	30.0		-11					•	116.11	•			
-MAX-T	Mon	20.0	100.0												
FREQ	1/wk	17wk	17wk												
UNITS	MGD	mg/l	mg/l												
2		-							 						2
3 .															
4															
- 5	.000655	<5,<5	4,4	REPL	CATE AN	LYSIS									
6															
						-	•								
8												 			
-9-															
10												 			
-11															
12	.000257	<5,<5	4,3												
13		<5	<1												
14		<5	<u> <i< u=""></i<></u>						 						
15								•							
16		· · · · · · · · · · · · · · · · · · ·	1												
17		1	[
18		1													
- 19	NO FLOW		1												
<u>20</u> 21			1												
21			I												
22 23								[]							
23			1												
24			1												
-25														÷	
26	NO FLOW	1													
27		I													
26 27 28 29 30															
- 29												l .			
30															
1 51					1										
MO AVG	.000456	<5	<3												
MAX	.000655	<5	4												

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Signature of Responsible Official _____

ADEM FORM 261 (B) 1/88

X MONTHLY

MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611

NPDES NO. ALOO22080 MAJOR

	DSN001	d (Forme	rly 110)				 	 				EFFECT	VE: 10/	15/89	
PARAM	Flow	08G	TSS												
AVG	Mon	15.0	155 30.0		+1 1				•			•			
MAX	Mon	20.0	100.0		· · · · · ·					-					
FREQUNITS	1/wk MGD	17wk	1/wk												
UNITS	MGD	mg/l	mg/l												
							_								
2															
3			1												
4		·													
-5	.00108	<5,<5	9,9	REPL	CATE AN/	ALYSIS									
6															
-7-															
8															
9		· · · · · · · · · · · · · · · · · · ·										i			
10												· · · · · · · · · · · · · · · · · · ·			
<u> </u>		<5,<5	2.1.2								i				
12	.00058	<5,<5	2,1,2												
<u> </u>		~5	1 1									i	1		
14									[i	1		
15			1									· · · · · · · · · · · · · · · · · · ·			
16		1	1									[1		
17				l								1	1		
18			1		[[
19	.000548	-35	2									1			1
20								1							l
21			1	1							l .				
22 23			1					l		1		4	-		1
23			1		1						l				1
<u>24</u> 25			1	1									I		
25			1	I	1								I	[
26	.000232	<5	3		1			 [-	l		T
27			1	1	T							•	I	<u> </u>	1
28			1	1	1						I	1	Î	i	1
29			1	1	<u> </u>										ĵ
26 27 28 29 30			1	1		[l
3			1		l										1
MO AVG	.000610	<5	3	1	1										
MAX	.00108	<5	9	1											

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Signature of Responsible Official

ADEM FORM 261 (B) 1/88

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## X MONTHLY

MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611 NPDES NO. ALOO22080 MAJOR

DSN002 (Formerly 102) EFFECTIVE: 10/15/89 PARAM Flow pH 0&G 6.0 min 15.0 TSS Hyd AVG Mon 30.0 N/A 11L .. . MAX Mon 9.0 20.0 100.0 0.01 FREQ | 1/Batch | 1/Bat 178at 2/Bat 1/Bat UNITS MGD s.u. mg/l mg/l mg/l 2 3 4 5 6 .098509 7.8 <5 4 7 8 .098509 7.6 9 .098509 7.7 10 .098509 7.4 .098509 6 Π 7.5 5,5,5 .098509 7.4 <u> <5</u> 72 6 .098509 7.6 <u><5</u> 13 5 14 .09850917.5.7.7 .098509 6.9,7.9 .098509 7.9 15 16 17 .098509 10 8.0 18 19 20 21 22 23 24 25 26 27 28 29 30 31 MO AVG .098509 7.6 <6 6 MAX .098509 8.0 10 6

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Signature of Responsible Official

ADEM FORM 261 (B) 1/88

## X MONTHLY

MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611

^ NPDES NO. ALOO22080 MAJOR

|                                                                                  | DSN005                                 |          |           |          |          |          |   |           |   |   |                                       |       |   | EFFECT | VE: 10,                               | /15/89   |                                               |
|----------------------------------------------------------------------------------|----------------------------------------|----------|-----------|----------|----------|----------|---|-----------|---|---|---------------------------------------|-------|---|--------|---------------------------------------|----------|-----------------------------------------------|
| PARAM                                                                            | FLOW                                   | Temp     |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| AVG<br>MAX<br>FREQ<br>UNITS                                                      | Mon                                    | Mon      |           |          | · 1 1    |          |   |           |   |   |                                       | 116.6 |   |        |                                       |          |                                               |
| MAX                                                                              | Mon                                    | Mon      |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| FREO                                                                             | 17wk                                   | 1/wk     |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          | i                                             |
| UNITS                                                                            | MGD                                    | oF       |           |          |          |          |   |           |   |   | -                                     |       |   |        |                                       |          |                                               |
|                                                                                  |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 2                                                                                |                                        |          | OF SERVIC | E FOR EN | TRE MON' | TH I     |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 3                                                                                |                                        |          | -         |          |          |          |   |           |   |   |                                       |       |   |        | · · · · · · · · · · · · · · · · · · · |          |                                               |
| 4                                                                                |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 5                                                                                | • • •                                  |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 6                                                                                |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| I                                                                                |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          | []                                            |
| 8                                                                                |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 9                                                                                |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 10                                                                               |                                        | <b> </b> |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| I                                                                                |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       | 1        |                                               |
|                                                                                  | <u> </u>                               | <u> </u> |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| <u>12</u><br>13                                                                  |                                        | l        |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 1.13                                                                             |                                        | ļ        |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          | <b>├────</b>                                  |
| 14                                                                               |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       | <b> </b> |                                               |
| 15                                                                               |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       | [        | <b>↓</b>                                      |
| 16                                                                               |                                        | l        |           | ļ        |          |          |   |           |   |   |                                       |       |   |        |                                       |          | <b>↓</b>                                      |
| 17                                                                               |                                        | L        |           | l        |          |          |   |           |   |   |                                       |       |   |        |                                       | ļ        |                                               |
| 18                                                                               |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          | Į                                             |
| <u>18</u><br>19                                                                  |                                        |          |           |          | I        |          |   |           |   |   |                                       |       |   |        |                                       | L        |                                               |
| 20                                                                               |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 21                                                                               |                                        |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       | I        |                                               |
| 22                                                                               |                                        | 1        | l         |          |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 23                                                                               | ······································ |          |           |          |          |          |   |           |   |   |                                       |       |   |        |                                       | 1        |                                               |
| 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>26<br>27<br>28<br>29<br>30<br>31 |                                        | 1        |           |          |          |          |   |           |   |   |                                       |       |   | l      |                                       | I        |                                               |
| 25                                                                               |                                        | 1        |           |          | l        |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 26                                                                               |                                        | 1        | l         | 1        |          |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 27                                                                               |                                        | 1        | 1         |          | 1        |          |   |           |   |   |                                       |       |   |        |                                       |          |                                               |
| 28                                                                               |                                        | 1        | 1         | l        | r        |          |   |           |   |   |                                       |       |   |        |                                       | 1        |                                               |
| 1-56-                                                                            |                                        | 1        |           | 1        | I        |          |   |           | I |   | · · · · · · · · · · · · · · · · · · · |       |   | I      | l                                     | 1        |                                               |
| 1                                                                                |                                        | 1        | 1         | t        | 1        | 1        |   |           |   |   | l                                     |       |   |        |                                       | 1        | ·                                             |
| 1                                                                                |                                        | +        |           | <u> </u> | t        |          |   |           |   |   |                                       |       |   |        | [                                     | 1        | ·                                             |
| MO AVG                                                                           |                                        |          | <u> </u>  | <b> </b> | <u> </u> |          |   |           | l |   |                                       | 1     |   | 1      | i                                     | 1        | 11                                            |
| MAX                                                                              |                                        |          | ł         | {        | <b> </b> | <u> </u> |   |           |   | l | i                                     | {     |   | I      |                                       | 1        | t                                             |
| 1 <u> </u>                                                                       |                                        | <u> </u> | L         |          | I        | L        | L | 1 <u></u> | L |   | <u>ا</u>                              | L     | L | I      | L                                     | I        | ا <u>ــــــــــــــــــــــــــــــــــــ</u> |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Responsible Official

ADEM FORM 261 (B) 1/88

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MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

#### LOCATION: U.S. Highway 72 Athens, Alabama 35611

X MONTHLY

NPDES NO. AL0022080 MAJOR

|        | DSN011                                   |                                       |         |       | <br> | • | <br>  |   |        |   | EFFECT | VE: 10/  | /15/89     |          |
|--------|------------------------------------------|---------------------------------------|---------|-------|------|---|-------|---|--------|---|--------|----------|------------|----------|
| PARAM  | Flow                                     | BOD (5)                               | TSS     |       |      |   |       |   |        | ] |        |          | I          |          |
| AVG    | Mon                                      | 30.0                                  | 90.0 1  | - 1 1 |      |   | <br>  | · | 116.11 |   |        |          |            |          |
| MAX    | Mon                                      | 45.0                                  | 135.0   |       |      |   | <br>  |   |        |   |        |          |            |          |
| FREQ   | 5/wk                                     | 2/mo                                  | 2/mo    |       |      |   | <br>  |   |        |   |        |          |            |          |
| UNITS  | MGD                                      | mg/l                                  | mg/1    |       |      |   | <br>  |   |        |   |        |          | I          |          |
|        |                                          |                                       |         |       |      |   | <br>  |   |        |   |        |          |            |          |
| 2      |                                          |                                       |         |       |      |   | <br>  |   |        |   |        |          |            | i        |
| 3      | .085968                                  | 8                                     | 47      |       |      |   |       |   |        |   |        |          |            |          |
| 4      | .085968<br>.085968<br>.085968<br>.085968 |                                       |         |       |      |   | <br>  |   |        |   |        |          |            | 2        |
| 5      | .085968                                  |                                       |         |       |      |   | <br>  |   |        |   |        |          |            | ļ'       |
| 6      | .085968                                  |                                       |         |       |      |   | <br>  |   |        |   |        |          | L          |          |
| 7      | .085968                                  |                                       |         |       |      |   | <br>  |   |        |   |        | ļ        | <u> </u>   |          |
| 8      |                                          |                                       | •       |       |      |   | <br>  |   |        |   |        |          | ļ/         | I        |
| 9      |                                          |                                       |         |       |      |   | <br>  |   |        |   |        |          | <b></b>    |          |
| 10     | .017856<br>.039600                       |                                       |         |       |      |   | <br>  |   |        |   |        | <u> </u> | ļ/         |          |
|        | .039600                                  | 18                                    |         |       |      |   | <br>  |   |        |   |        | <u> </u> | <b> </b> ' |          |
| 12     | .031248                                  | 16                                    | 43      |       |      |   | <br>  |   |        |   |        | ļ        | ļ!         |          |
| 13     | .031248<br>.031248                       | 14                                    | 48      |       |      | - | <br>  |   |        |   |        |          | <b> </b>   |          |
| 14     | .024048                                  | l                                     |         |       |      |   | <br>  |   |        |   |        |          | ļ/         |          |
| 15     |                                          | ·                                     |         |       |      |   | <br>  |   |        |   |        |          | <b></b> /  | l        |
| 16     |                                          |                                       |         |       |      |   | <br>  |   |        |   |        | I        | ļ/         | l        |
| 1-17-  | .060192                                  | 20                                    | 62      |       |      |   |       |   |        |   |        |          | <b></b> /  | l        |
| 18     | .060192                                  |                                       |         |       |      |   | <br>  |   |        |   |        |          | <b> </b> ' | I        |
| 19     | .060192                                  | 1                                     |         |       |      |   | <br>  |   |        |   |        | l        | '          | I        |
| 20     | .060192<br>.060192<br>.049248            |                                       |         |       |      |   |       |   |        |   |        |          | l          |          |
| 2      | .049248                                  |                                       |         |       |      |   | <br>! |   |        |   |        | L        | ļ'         | Į        |
| 22     |                                          | 1                                     |         |       |      |   | <br>  |   |        |   |        | I        | <u> </u>   |          |
| 22     |                                          | l                                     |         |       |      |   | <br>  |   |        |   | ļ      | ļ        |            | ļ        |
| 24     | .049248                                  | · · · · · · · · · · · · · · · · · · · |         |       |      |   | <br>  |   |        |   | ļ      | ļ        | Į          |          |
| 25     | .085968                                  |                                       |         |       |      |   | <br>  |   |        |   | I      | ļ        | <b></b>    |          |
| 26     | .072432                                  |                                       |         |       |      |   |       |   |        | I |        | <u> </u> |            | <b> </b> |
| 27     | 1.060192                                 |                                       |         |       |      |   | <br>I |   | ļ      | L |        | ļ        | <b></b>    | ļ        |
| 28     | .060192                                  | 1                                     |         |       |      |   | <br>  |   |        | L |        | <b></b>  | <b>_</b>   | 1        |
| 29     |                                          |                                       |         |       |      |   |       |   | 1      |   |        |          |            | I        |
| 30     | 1                                        | 1                                     | <b></b> | [     |      |   |       |   |        | l | I      |          | l          | L        |
| 30     |                                          | 1                                     | 1       |       |      |   |       |   |        |   |        |          |            |          |
| MO AVG | .05905                                   | 15                                    | 50      |       |      |   |       |   |        |   |        |          | 1          |          |
| MAX    | .085968                                  |                                       | 62      |       |      |   |       |   |        |   | I      | L        |            |          |

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Signature of Responsible Official \_

ADEM FORM 261 (B) 1/88

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## X MONTHLY

MONTH: <u>June</u>, 19<u>91</u>

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611 NPDES NO. ALOO22080 MAJOR

|                      | DSN014      |           |          |          |            |   |          |   |                                       |          |          | ······································ |   | EFFECT   | VE: 10        | /15/89         |                            |
|----------------------|-------------|-----------|----------|----------|------------|---|----------|---|---------------------------------------|----------|----------|----------------------------------------|---|----------|---------------|----------------|----------------------------|
| PARAM                | Flow        | pH<br>Mon | TSS      | O&G      |            |   |          |   |                                       |          |          |                                        |   |          |               |                |                            |
| AVG                  | N/A         | Mon       | N/A      | N/A      | - 1 1      |   |          |   |                                       |          | •        | 116.41                                 |   | •        |               |                |                            |
| MAX                  | Mon         | Mon       | Mon      | Mon      |            |   |          |   |                                       |          |          | I                                      |   |          |               |                |                            |
| FREO                 | 1/yr<br>MGD | l/yr      | l/yr     | 1/yr     |            |   |          |   |                                       |          |          |                                        |   |          |               | 1              | L                          |
| UNITS                | MGD         | S.U.      | mg/l     | mg/1     |            |   |          |   |                                       |          |          |                                        |   |          |               |                | I                          |
|                      |             |           |          |          |            |   |          |   |                                       |          |          |                                        |   |          |               |                |                            |
| 2                    |             |           |          |          |            |   |          |   |                                       |          |          |                                        |   |          |               |                |                            |
| 1-3-1                |             |           |          |          |            |   |          |   |                                       |          |          |                                        |   |          |               |                |                            |
| 4                    |             |           |          |          |            |   |          |   |                                       |          |          |                                        |   |          |               |                |                            |
| 5                    |             |           |          |          |            |   |          |   |                                       |          |          |                                        |   |          |               |                | []                         |
| 6                    |             |           |          |          |            |   |          |   | i i i i i i i i i i i i i i i i i i i |          |          |                                        |   |          |               |                |                            |
| 1                    |             |           |          |          | [          |   |          |   |                                       |          |          |                                        |   |          |               |                |                            |
| 8                    |             |           |          |          | <b> </b>   |   |          |   |                                       |          |          |                                        |   |          |               | 1              |                            |
| - <u>-</u> ğ         |             |           |          |          | <b> </b>   |   |          |   |                                       |          |          |                                        |   |          |               | 1              |                            |
| 10                   |             |           |          |          |            |   |          |   |                                       |          |          |                                        |   |          |               | 1              |                            |
|                      |             |           | 16       | - 5      |            |   |          |   |                                       |          |          |                                        |   |          |               | 1              |                            |
| 12                   |             |           |          | ক        |            |   |          |   |                                       |          |          |                                        |   |          |               |                |                            |
| 15                   |             |           | 6        | - रें    |            |   |          |   |                                       |          |          |                                        |   |          |               | 1              |                            |
| 14                   |             |           |          | <u> </u> |            |   |          |   |                                       |          |          |                                        |   |          |               |                | []                         |
| 15                   |             |           |          |          |            |   |          |   |                                       |          |          |                                        |   |          |               | 1              | [!                         |
| 15                   |             |           |          |          | <b> </b>   |   |          |   |                                       |          |          |                                        |   |          |               |                | []                         |
| I                    |             |           | <b>}</b> |          |            |   |          |   |                                       |          |          |                                        |   |          |               | 1              | [!                         |
| 7                    |             |           | <b> </b> |          | {          |   |          |   |                                       |          |          |                                        |   |          |               | 1              | <b>∤−−−−−</b> !            |
| 18                   |             |           |          |          | <b> </b>   |   |          |   |                                       | }        |          |                                        |   |          |               |                | <b>}</b> !                 |
| 19<br>20<br>21       |             |           | <b> </b> | I        | <b> </b>   |   |          |   |                                       | I        |          |                                        |   |          |               |                | <b>{</b> ──── <sup> </sup> |
|                      |             |           | <b> </b> |          | <u> </u>   |   |          |   |                                       |          |          |                                        |   |          |               | +              | {!                         |
| 21                   |             |           | I        | I        |            |   |          |   |                                       |          | <u> </u> |                                        |   | <u> </u> |               |                | ł/                         |
|                      |             |           | <b> </b> |          | Į          |   |          |   |                                       | <b> </b> | {        |                                        |   |          |               |                | ł'                         |
| 23                   |             |           | ļ        |          |            |   |          |   |                                       | <u>}</u> |          |                                        |   | <b> </b> |               |                |                            |
| 22<br>23<br>24<br>25 |             |           |          | <b> </b> | <b></b>    |   |          |   |                                       |          | }        | l                                      |   | <u> </u> |               | +              | ↓ <b></b>                  |
|                      |             |           | I        | ļ        | ·          |   |          |   |                                       | {        | ł        | <b> </b>                               |   | <u> </u> | <b>├</b> ──── | - <del> </del> |                            |
| 26                   |             |           | l        |          | . <u> </u> |   |          |   |                                       | {        | {        |                                        |   |          | <u> </u>      |                | <b>{</b>                   |
|                      |             | <b>!</b>  | ļ        | <b></b>  | Į          |   |          |   | ļ                                     | <b> </b> | <b> </b> | <u> </u>                               |   | <u> </u> |               | +              | ł'                         |
| 26<br>27<br>28<br>29 |             |           | ļ        |          | <b>!</b>   |   | <b> </b> |   |                                       |          | <b> </b> | I                                      |   |          |               |                | <b>{</b>                   |
| 29                   |             | I         | I        | ļ        | I          |   |          |   |                                       |          | Į        | [                                      |   |          | }             | -{             | <b>{</b> '                 |
| <u> </u>             |             | I         | I        | I        | ļ          |   |          |   | ļ                                     | Į        | ł        | i                                      |   |          | <b> </b>      | -{             | <b> </b>                   |
| 31                   |             |           | <u> </u> | I        | <b></b>    | I |          |   |                                       |          |          |                                        |   | I        | [             | -{             | 4                          |
| MO AVG               |             |           | 13       | <5       |            |   | l        | l |                                       | ļ        | ļ        | Į                                      |   | <u> </u> | I             |                | <b></b>                    |
| MAX                  |             |           | 17       | 5        | I          | l | I        | l | l                                     | <u>I</u> | I        | 1                                      | L | I        | L             | <u></u>        | L                          |

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Signature of Responsible Official

ADEM FORM 261 (B) 1/88

## X MONTHLY

COMPANY: TVA - Brown's Ferry Nuclear Plant

#### LOCATION: U.S. Highway 72 Athens, Alabama 35611

NPDES NO. AL0022080 MAJOR

|                                                           | DSN016      |          |          |              |              |          |          |          |          |          |          |          |                                       | EFFECT   | VE: | •••••••                                 |                                       |
|-----------------------------------------------------------|-------------|----------|----------|--------------|--------------|----------|----------|----------|----------|----------|----------|----------|---------------------------------------|----------|-----|-----------------------------------------|---------------------------------------|
| PARAM                                                     | Flow        | pH       | TSS      | O&G          |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| AVG                                                       | N/A         | Mon      | N/A      | N/A          |              |          |          |          |          |          | •        | •1. u_   |                                       |          |     | l                                       |                                       |
| MAX<br>FREQ                                               | Mon         | Mon      | Mon      | Mon          |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| FREO                                                      | 17yr<br>MGD | l/yr     | l/vr     | l/yr<br>mg/l |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| UNITS                                                     | MGD         | s.u.     | mg/l     | mg/l         |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
|                                                           |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| 2                                                         |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     | I                                       |                                       |
| 3                                                         |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| 4                                                         |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     |                                         | · · · · · · · · · · · · · · · · · · · |
| 5                                                         |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     | ·                                       |                                       |
| 6                                                         |             |          |          | 1            |              |          |          |          |          |          |          |          |                                       |          |     | L                                       |                                       |
| 1                                                         |             |          |          |              |              |          |          |          |          |          |          | _        |                                       |          |     |                                         |                                       |
| 8                                                         |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     | l                                       |                                       |
| 9                                                         |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     | LI                                      | L                                     |
| 10                                                        |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     | L]                                      |                                       |
| 1- <u></u>                                                |             |          | 7,7      | <5           |              |          |          |          |          |          |          |          |                                       |          |     | l                                       | <b>ا</b> ا                            |
| -11<br>-12<br>-13                                         |             |          | 4        | হ<br>হ       |              |          |          |          |          |          |          |          |                                       |          |     |                                         | L                                     |
| 1-13-                                                     |             |          | 6        | <5           |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| 1- <u>iá</u>                                              |             |          |          |              |              |          |          | -        |          |          |          |          |                                       |          |     |                                         |                                       |
| 14                                                        |             |          |          |              |              |          |          | -        |          |          |          |          |                                       |          |     |                                         |                                       |
| <del>13</del>                                             |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| <u>    16                                </u>             |             |          |          |              |              |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| 1-16                                                      |             |          |          |              | <u> </u>     |          |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
| 1-18                                                      |             |          |          |              |              | 1        |          |          |          |          |          |          |                                       |          |     |                                         |                                       |
|                                                           |             |          |          |              |              | i        |          |          |          | 1        |          |          |                                       |          |     |                                         |                                       |
| 1- <del>51</del>                                          |             |          |          |              | 1            |          |          |          |          |          |          |          |                                       |          | 1   |                                         |                                       |
|                                                           |             |          |          |              |              |          |          |          |          | 1        |          | 1        |                                       |          |     | , , , , , , , , , , , , , , , , , , , , |                                       |
|                                                           |             |          |          |              |              |          |          |          |          | 1        | 1        | <u> </u> |                                       |          | 1   | []                                      |                                       |
|                                                           |             |          |          |              |              |          |          |          |          | 1        |          |          | · · · · · · · · · · · · · · · · · · · |          | l   | · · · · · · · · · · · · · · · · · · ·   | 2                                     |
| 18   19   20   21   22   23   24   25   26   27   28   29 |             |          |          | <u> </u>     | <u>├───</u>  | l        |          |          | i        | 1        | [        | I        | 1                                     | I        |     | []                                      |                                       |
|                                                           |             |          |          | <u> </u>     | <u>∤</u>     | 1        | 1        |          |          | <u> </u> |          | I        | 1                                     | 1        | 1   |                                         |                                       |
|                                                           |             |          |          |              | <u> </u>     | {        | t        |          | i        | 1        |          |          | i                                     | 1        | I   | [                                       |                                       |
| 1- <u></u>                                                |             |          | <u> </u> | <b> </b>     | <u> </u>     | <b> </b> | l        |          |          | 1        | 1        | 1        | i                                     | 1        |     | I                                       | I                                     |
|                                                           | <b> </b>    |          | }        | <b> </b>     | 1            |          | <u> </u> |          |          | 1        | 1        | t        | 1                                     | 1        |     | (                                       | <u> </u>                              |
|                                                           | <b> </b>    |          | <u> </u> | <u> </u>     | <del> </del> | 1        | l        |          | i        | 1        | 1        | i        |                                       |          | 1   | []                                      | I                                     |
| <u>30</u><br><u>31</u>                                    |             |          | {        | <u> </u>     | <u>}</u>     |          | <u> </u> |          | <u> </u> | 1        |          | 1        | ·                                     | 1        |     | <b>1</b>                                | i                                     |
|                                                           |             |          | 6        | <5           | <u> </u>     |          | <u> </u> | 1        |          | 1        |          | 1        | <u> </u>                              | <u> </u> |     | h                                       | <u> </u>                              |
| MO AVG                                                    | <b> </b>    | <u> </u> |          | रिं          |              |          |          | <u> </u> | †        | 1        | <u> </u> | 1        | t                                     | l        | I   | t'                                      | t                                     |
| MAX                                                       | <u> </u>    | l        | 1        | <u> </u>     | I            |          | l        | l        | l        |          | L        | L        | L                                     | 1        | 1   | ·                                       | ·                                     |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Signature of Responsible Official

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## X MONTHLY

MONTH: <u>June</u>, 19\_91

COMPANY: TVA - Brown's Ferry Nuclear Plant

LOCATION: U.S. Highway 72 Athens, Alabama 35611



|                                  | DSN017   |          |          |          |          |          |          |          |          |          |                                       | <u> </u>     |          | EFFECT   | VE:                                   |              |          |
|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------------------------------|--------------|----------|----------|---------------------------------------|--------------|----------|
| PARAM<br>AVG                     | Flow     | pH       | TSS      | -08G     |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| AVG                              | NZA      | Mon      | N/A      | N/A      |          |          |          |          |          |          |                                       | <u></u>      |          |          |                                       |              |          |
| AVG<br>MAX<br>FREQ<br>UNITS      | Mon      | Mon      | Mon      | Mon      |          |          |          |          |          |          |                                       | 1            |          |          |                                       |              |          |
| FREO                             | l/yr     | l/yr     | l/yr     | 1/yr     |          |          | 1        |          |          |          |                                       |              |          |          |                                       |              |          |
|                                  | MGD      | s.u.     | mg/l     | mg/l     |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
|                                  |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 2                                |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              | 6        |
|                                  |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 4                                |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              | ]        |
|                                  |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 6                                |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| <u> </u>                         |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 8                                |          |          | <b> </b> | 1        | i        |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| -9-                              |          |          | <u> </u> |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              | L        |
| 10                               |          |          |          | I        |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| <del>-11</del>                   |          |          |          | <5       |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 12                               |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 15                               |          |          |          | {        |          |          |          |          |          |          |                                       |              |          |          |                                       |              | []       |
| 1-1 <del>2</del> -               |          |          |          |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| <u>    14     </u><br>15         |          |          | <u> </u> |          |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 1-12-                            |          |          | <u> </u> | <u> </u> |          |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 16                               |          | <b> </b> |          |          |          | <u>}</u> |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 1-16-                            |          |          |          |          |          | I        |          |          |          |          | · · · · · · · · · · · · · · · · · · · |              |          |          |                                       |              |          |
| 1-18                             |          | <u> </u> |          |          |          |          |          |          |          |          | · · · · ·                             |              |          |          |                                       |              |          |
| 1- <u>17</u>                     |          |          |          |          | 1        |          |          |          |          |          |                                       |              |          |          |                                       |              |          |
| 18<br>19<br>20<br>21<br>22<br>23 |          |          |          |          |          | <u> </u> |          |          |          |          | 1                                     |              | 1        | 1        | · · · · · · · · · · · · · · · · · · · |              |          |
|                                  |          | <b>}</b> |          |          |          | <b> </b> |          |          |          |          | 1                                     |              |          | 1        | 1                                     |              |          |
| -22                              |          | <b> </b> |          |          | <u> </u> |          |          |          |          |          | ·                                     |              |          | 1        | 1                                     |              | [        |
| $ -\frac{23}{34}-$               |          | <u> </u> |          |          |          |          |          |          |          |          |                                       |              | i        |          | 1                                     | 1            | 2        |
| 24<br>25<br>26<br>27             |          | <b> </b> |          |          | ·{       |          | <u> </u> | <u> </u> |          | <u> </u> | <u> </u>                              | İ            |          | 1        | 1                                     | 1            |          |
| 1-22                             |          |          |          |          |          | <u> </u> | <b></b>  | l        |          | l        | t                                     | 1            | 1        | i        | †                                     |              |          |
|                                  |          |          |          |          |          | {        |          | <b> </b> |          |          | t                                     | †            | 1        | 1        | 1                                     | 1            | ·        |
| <u></u>                          | <b> </b> | J        |          |          |          | <b> </b> | <b> </b> |          | 1        | 1        | 1                                     | i            | İ        |          | 1                                     | 1            | 1        |
| <u>28</u><br>29                  | <b></b>  | ·}       | ·{       |          |          | <u> </u> | <b> </b> |          | I        | t        | 1                                     | t            | 1        | 1        | 1                                     | 1            | i        |
| 29                               | I        | .        | ·        |          |          | ·····    | <b> </b> |          | {        | ł        | ł                                     | <del> </del> | <u> </u> | 1        | 1                                     | 1            | t        |
|                                  |          | Į        |          | .{       |          |          | <u> </u> | <u> </u> |          |          |                                       |              |          | 1        | -                                     | <u> </u>     | <u>├</u> |
| 30<br>31<br>MO AVG<br>MAX        | I        | · [      |          |          |          |          |          | <u> </u> | <u> </u> |          | <u> </u>                              |              |          | <u> </u> |                                       | 1            |          |
| MO AVG                           |          | I        | .l       | <5       |          | l        | <u> </u> | <u> </u> |          |          |                                       | <u> </u>     | <u> </u> |          | ·}                                    | <del> </del> | <u> </u> |
| MAX                              | 1        |          | 1        | <5       | 1        | I        | L        | J        | <u> </u> | 1        | <u> </u>                              | 1            |          | l        | J                                     | ·            | J        |

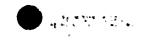
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