

Tennessee Valley Authority, Sequoyah Nuclear Plant, P.O. Box 2000, Soddy Daisy, TN 37384

February 12, 2019

ATTN: Document Control Desk

U.S. Nuclear Regulatory Commission

Washington, D.C. 20555-0001

Subject:

Sequoyah Nuclear Plant, Water Withdrawal Report CY 2018

Attached is the Water Withdrawal Report CY 2018, Sequoyah Nuclear Plant.

Respectfully,

Millicent Garland

**Environmental Scientist** 

Whiert Howard

#### REVIEW/CONCURRENCE SHEET

DOCUMENT NAME: Water Withdrawal Report - CY 2018

ORGANIZATION: Environmental

DOCUMENT PREPARED BY: Millicent Garland

DATE: February 1, 2019

CONCURRENCES					
Name	R V	C N	Signature - Comment	Date	
Millicent Garland	Х	,	Delluent Harlard	2-4-19	
Denice Funderburk	Х		Serve Dundykurk	2/4/19	
Dan Charlton		× (	Lamil E Charlem	2/6/19	

INSTRUCTIONS: Originator will determine the review/concurrence assignment.

**REVIEW:** 

Examine technical content and commitments made. A

review (RV) should confirm the truth and accuracy of factual statements and indicate agreement with commitments made which are applicable to the

reviewer's organization.

CONCURRENCE:

Indication of agreement with the document as a whole.

Concurrence (CN) signifies that the document is responsive to the

intended purpose, logical in construction, and clear in meaning in the eyes of the recipient. A concurrence signature indicates that the individual

would be willing to sign the document for the agency.

## AGENCULTURE OF

## State of Tennessee DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources William R Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor Nashville, Tennessee 37243

#### WATER WITHDRAWAL REGISTRATION

In accordance with the provisions of Tennessee Code Annotated Section 69-7-301 et seq., the Water Resources Information Act, this registration is required for anyone withdrawing an average of 10,000 gallons or more of water per day. See attached instructions.

PA	RT A. FACILITY & CONTACT INFORMATION		
I.	Water Withdrawal Registration No.: <u>628</u>		
2.	Water User:	Type:	Thermal Plant (Nuclear)
	Mailing Address: P.O. Box 2000, OPS 5N-SQN		
	City: Soddy Daisy State: TN Zip: 37384	_ County:	Hamilton
3.	Location (if different from mailing address):		
	Street Address: Sequoyah Access Road		
	City: Soddy - Daisy State: TN Zip: 37379	County:	Hamilton
4.	Number of employees at location:		
5.	Indicate the contact individual for water withdrawal information:	- <del></del>	
	Name: Millicent Garland Title: Environmental Sci		
	***		
DAI		6/14 F	423-843-7428
6.	RT B. WATER USE REPORTING PERIOD  Year: 2018		
7.	(Check One): New Operation X Renewal		
8.	List any water problems you have experienced in the last reporting	g period:	_N/A_
	•	_	IV/A
9.	Classifications of Water Use (Enter Percentage of Total use—To	ital must equ	nal 100%).
_	76 a) Domestic water use (drinking, human consumption	and general	sanitation uses)
_	76 b) Institutional or other general uses (lawn watering, laund	y)	
-	% c) Irrigation of crops, pastures and nursery stock		
-	d) livestock watering (includes feed lots, dairy sanitation ar	nd fish farmin	ıg)
_	76 e) navigation (lock usage and flow augmentation for navigation)	ntion)	
-	100 % f) thermoelectric power production, including cooling purp % g) recreational use, park use, golf course imigation, and the production of the productio	oses (exclude	s hydroelectric)
-	g) recreational use, park use, golf course irrigation, water p	ark use	
_		washing, and	cooling
-	, which the power generation (provided none of it is us	ed consumpti	vely)
_		s an ore)	
_	<ul> <li>% k) dewatering (mining, quarry rock production, other operation)</li> <li>% l) any other use not defined above. Describe:</li> </ul>	tions where w	vater is withdrawn)
_	100 % Total (Must equal 100%)		

Year: 2018 Water Withdrawal Registrat	tion Number (From Part A, Line 1): 628
Company Name: <u>TVA - Sequoyah Nuclear Plant</u> Copy this page and submit a completed page for ea	
Part C. Water Withdrawals	Part D. Water Discharge (if applicable)
Source Point ID Number: N/A	
Source Point Name: N/A	Discharge Point ID Number:
Source Type: (G, S, or P): N/A	Discharge Point Name: <u>TN River (Diffuser Pond)</u> NPDES Permit No.: TN0026450
County: N/A	County: Hamilton
River Mile: N/A	River Mile: 483.65
Latitude: N/A Longitude: N/A	Latitude: 35 - 12 - 35
Datum (NAD 27 or NAD 83): N/A	Longitude: <u>85 - 05 - 14</u>
Man. V NA	Datum: NAD 27 or 83: NAD 27 tached Map on file or attached: On File
Method of Measure (A, B, C, D, or E):	On File
TANI T-4-133741 1 1 1 14	AC TANE IN I
EED T-4-1 W/4 1 1	MG EED To 1 Di 1
MAD Takal West 1	MG MAD TO A 120 MIG
ADD Total Wild 1	MG MG APR Total Discharge:MG  APR Total Discharge:MG
MAY Total Withdrawals: N/A M	MG MAY Total Discharge: 56144 MG
JUNE Total Withdrawals: N/A M	MG JUNE Total Discharge: 54121 MG
JULY Total Withdrawals: N/A M	MG JULY Total Discharge: 53799 MG
AUG Total Withdrawals: N/A M	MG AUG Total Discharge: 53962 MG
SEPT Total Withdrawals:N/AM	MG SEPT Total Discharge: 52118 MG
	AG OCT Total Discharge: <u>55247</u> MG
	MG NOV Total Discharge: <u>32843</u> MG
	MG DEC Total Discharge: <u>52799</u> MG
10. Total Annual Withdrawals: N/A	_MG 17. Total Annual Discharges:564721MG
	65
12. Grand Total Water Withdrawals: 549874	MG 18. Grand Total Discharges: <u>564728</u> MG
13. Grand Total # Days Water Withdrawn in Year:	<u>365</u>
14. Average Daily Water Withdrawals: 1507	MGD
15. Maximum Day Water Withdrawal: 1654	MG
16. Maximum Day Water Withdrawal occurred in the	his month: <u>July</u>
and that I am lawfully present in the United States as a U.S. citizated Annotated Section 39-16-702(a)(4), this declaration is madinformation and making false or fraudulent statements or represent criminal prosecution resulting in a fine, imprisonment or both.	ties for perjury, that this document and all attachments were prepared by me, or mation is to the best of my knowledge and belief true, accurate, and complete; zen or a qualified alien as defined in 8 U.S.C. §1641(b). As specified in Tennesse le under penalty of perjury. I understand that the penalties for providing false entations include revocation in a fine, permit or license, civil penalties, and/or
Date: 2.7./9  19. Print Name: Matthew Rasmussen	$\mathcal{A}$
1	Title: Site Vice President
20. Signature:	
CN-1226 (Rev. 05-15)	

Year: 2018 Wate	er Withdrawal Re	gistration Nu	mber (From P	art A, Line 1):	628	
Company Name: _TVA - Sequoyah Nuclear Plant						
Copy this page and submit a completed page for each withdrawal site. See attached instructions.						
Part C. Water Withdra	awals		Part D. Wa	iter Discharge (i	f applicable)	
Source Point ID Number:	N/A		Discharge Po	oint ID Number:	117	
Source Point Name:TN F			Discharge Po	oint Name:TN R	iver (ERCW)	
Source Type: (G, S, or P):	S		NPDES Pern	nit No.: TN00264	50	<del></del>
County: Hamilton				Hamilton		
River Mile: 484.85			River Mile:	484.85		
Latitude: <u>35 - 13 - 32</u> Longitude: 85 - 05 - 13			Latitude: _	35 - 13 - 32		
Datum (NAD 27 or NAD 8	(3). NAD 07	_	Longitude:	<u>85 - 05 - 13</u>		
	On File	— Attached	Datum: NAD	le or attached:	NAD 27	
Method of Measure (A, B,		B		f Measure (A, B, C,	On File	В
JAN Total Withdrawals:	1079	MG		Total Discharge:	0.4258	MG
FEB Total Withdrawals:	1025	MG	FEB T	Total Discharge:	0.4258	 MG
MAR Total Withdrawals:	1080	MG	MAR	Total Discharge:	0.4258	MG
APR Total Withdrawals:	1035	MG	APR 7	Total Discharge:	0.4258	MG
MAY Total Withdrawals:	1120	MG	MAY	Total Discharge:	0.4258	MG
JUNE Total Withdrawals:	1161	MG	JUNE	Total Discharge:	0.4258	MG
JULY Total Withdrawals:	1203	MG	JULY	Total Discharge:	0.4258	MG
AUG Total Withdrawals:	1183	MG	AUG '	Total Discharge:	0.4258	MG
SEPT Total Withdrawals:	1136	MG	SEPT	Total Discharge:	0.4258	MG
OCT Total Withdrawals:	1143	MG	OCT 7	Total Discharge:	0.4258	MG
NOV Total Withdrawals:	993	MG	NOV 7	Total Discharge:	0.4258	MG
DEC Total Withdrawals:	1042	MG	DEC 1	Total Discharge:	0.4258	MG
10. Total Annual Withdray	vals: 13199	MG	17. Tota	l Annual Discharge	es: <u>5.11</u>	MG
11. Total # Days Water Wit	thdrawn in Year:	365				
12. Grand Total Water With	hdrawals: 549	9874	MG 18. Gran	nd Total Discharges	s: <u>564728</u>	MG
13. Grand Total # Days Wa	ter Withdrawn in	Year: <u>368</u>	5			
14. Average Daily Water W		507	MGD			
15. Maximum Day Water Withdrawal: 1654 MG						
16. Maximum Day Water Withdrawal occurred in this month:						
Part E. Signature  I certify, under penalty of law, including but not limited to penalties for perjury, that this document and all attachments were prepared by me, or under my direction or supervision; that all of the submitted information is to the best of my knowledge and belief true, accurate, and complete; and that I am lawfully present in the United States as a U.S. citizen or a qualified alien as defined in 8 U.S.C. §1641(b). As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury. I understand that the penalties for providing false information and making false or fraudulent statements or representations include revocation in a fine, permit or license, civil penalties, and/or criminal prosecution resulting in a fine, imprisonment or both.  Date:						
	Rasmussen	_	m:at			
7.	rasiiiussell		Title:	Site Vice Preside	nt	
20. Signature:			<del></del>			
CN-1226 (Rev. 05-15)					DD 4 00	50

Year: 2018 Wat	er Withdrawal Reg	istration Nu	umber (From Part A, Line 1):	628	
Company Name: TVA - S	Seguovah Nuclear I	Plant	,		
Copy this page and submit	a completed page	for each wii	thdrawal site. <mark>See attached inst</mark>	ructions.	
Part C. Water Withdr	awals		Part D. Water Discharge	(if applicable)	
Source Point ID Number:	N/A	_	Discharge Point ID Number:	116	
Source Point Name:TN	River (CCW)		Discharge Point Name: TN	River (CCW)	
Source Type: (G, S, or P):	S		NPDES Permit No.: TN0026	3450	
County: Hamilton		_	County: Hamilton		
River Mile: 485.2  Latitude: 35 - 13 - 33		_	River Mile: 485.2		
Latitude: <u>35 - 13 - 33</u> Longitude: 85 - 05 - 13		_	Latitude: <u>35 - 13 - 33</u>		
Datum (NAD 27 or NAD 8	33). NAD 27		Longitude: 85 - 05 - 13		
	On File	- Attached	Datum: NAD 27 or 83:  Map on file or attached:	NAD 27	
Method of Measure (A, B,	C, D, or E):	_Attached	Method of Measure (A, B, C	On File	
JAN Total Withdrawals:				_, D, 01 E):	В
	49548	MG	JAN Total Discharge:	0.1825	MG
FEB Total Withdrawals:	38507	MG	FEB Total Discharge:	0.1825	MG
MAR Total Withdrawals:	42277	MG	MAR Total Discharge:	0.1825	MG
APR Total Withdrawals:	30698	MG	APR Total Discharge:	0.1825	MG
MAY Total Withdrawals:	49817	MG	MAY Total Discharge:	0.1825	MG
JUNE Total Withdrawals:	48470	MG	JUNE Total Discharge:	0.1825	MG
JULY Total Withdrawals:	50086	MG	JULY Total Discharge:	0.1825	MG
AUG Total Withdrawals:	50086	MG	AUG Total Discharge:	0.1825	MG
SEPT Total Withdrawals:	48470	MG	SEPT Total Discharge:	0.1825	MG
OCT Total Withdrawals:	50086	MG	OCT Total Discharge:	0.1825	MG
NOV Total Withdrawals:	36891	MG	NOV Total Discharge:	0.1852	MG
DEC Total Withdrawals:	41738	MG	DEC Total Discharge:	0.1825	MG
10. Total Annual Withdraw	vals: 549874	MG	17. Total Annual Discharg	ges: <u>2.19</u>	MG
11. Total # Days Water Wit	hdrawn in Year:	365	- <u></u>		
12. Grand Total Water With	ndrawals: 54987	<u>'4</u> 1	MG 18. Grand Total Discharge	es: <u>5</u> 64728	MG
13. Grand Total # Days War	ter Withdrawn in Y	ear: <u>365</u>	<u>;                                    </u>		
14. Average Daily Water W	ithdrawals:	1507	MGD		
15. Maximum Day Water W	ithdrawal: 16	854	MG		
16. Maximum Day Water W	ithdrawal occurred	l in this mor	nth: <u>July</u>		
and that I am lawfully present in the Code Annotated Section 39-16-702 information and making false or fractiminal prosecution resulting in a factorial prosecution and Date:	e United States as a U.S (a)(4), this declaration i audulent statements or re- fine, imprisonment or bo	citizen or a question is made under p	perjury, that this document and all attach is to the best of my knowledge and belief ualified alien as defined in 8 U.S.C. §16 penalty of perjury. I understand that the include revocation in a fine, permit or li	f true, accurate, and of 641(b). As specified	complete; in Tennessee
19. Print Name: Matthew I	Rasmussen		Title: Site Vice Preside	ent	
20. Signature:				2111	
CN-1226 (Rev. 05-15)			<del></del>		

#### Jung, Sandra K

From:

mshd.resource@nrc.gov

Sent:

Friday, February 08, 2019 9:19 AM

To:

Jung, Sandra K

Subject:

General Form Submission (26383) Received

TVA External Message. Please use caution when opening.

The NRC received your General Form submission on: 02/08/2019 at 09.18 AM. It is being tracked as submission ID# 26383.

If it is a 'Publicly Available' submission after 6 work days from today the submission's attached document(s) will be available for viewing and download from the Agency's Public Web Based ADAMS website (<a href="http://adams.nrc.gov/wba">http://adams.nrc.gov/wba</a>) by searching for the following document accession number(s): [ML19039A047]. If this is a 'Non-Public Available' submission the submission's attachment(s) will be retained in NRC's document management system (ADAMS) and will not be published to the public website.

Should you have questions about this submission please contact our Help Desk by phone at 866-672-7640 or by e-mail at <a href="mailto:mshd.resource@nrc.gov">mshd.resource@nrc.gov</a>. When doing so, please refer to the Submission ID# shown above.

Note: The Help Desk is staffed daily from 9:00AM to 7:00PM Eastern Time Monday through Friday (except for Federal holidays)

# AGRICULTURE 17735C

### State of Tennessee DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources William R Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor Nashville, Tennessee 37243

#### WATER WITHDRAWAL REGISTRATION

In accordance with the provisions of Tennessee Code Annotated Section 69-7-301 et seq., the Water Resources Information Act, this registration is required for anyone withdrawing an average of 10,000 gallons or more of water per day. See attached instructions.

1. Water Withdrawal Registration No.: 628  2. Water User: TVA - Sequoyah Nuclear Plant Type: Thermal Plant (Nuclear Plant Mailing Address: P.O. Box 2000, OPS 5N-SQN City: Soddy Daisy State: TN Zip: 37384 County: Hamilton  3. Location (if different from mailing address): Street Address: Sequoyah Access Road City: Soddy - Daisy State: TN Zip: 37379 County: Hamilton  4. Number of employees at location: 1069
Mailing Address: P.O. Box 2000, OPS 5N-SQN  City: Soddy Daisy State: TN Zip: 37384 County: Hamilton  3. Location (if different from mailing address):  Street Address: Sequoyah Access Road  City: Soddy - Daisy State: TN Zip: 37379 County: Hamilton
City: Soddy Daisy  State: TN Zip: 37384 County: Hamilton  3. Location (if different from mailing address):  Street Address: Sequoyah Access Road  City: Soddy - Daisy  State: TN Zip: 37379  County: Hamilton
3. Location (if different from mailing address):  Street Address: Sequoyah Access Road  City: Soddy - Daisy  State: TN Zip: 37379  County: Hamilton
Street Address: <u>Sequoyah Access Road</u> City: <u>Soddy - Daisy</u> State: <u>TN</u> Zip: <u>37379</u> County: <u>Hamilton</u>
Street Address: <u>Sequoyah Access Road</u> City: <u>Soddy - Daisy</u> State: <u>TN</u> Zip: <u>37379</u> County: <u>Hamilton</u>
City: Soddy - Daisy State: TN Zip: 37379 County: Hamilton
4. Number of employees at location: 1069
5. Indicate the contact individual for water withdrawal information:
William Garrand
email: <u>mrmoore@tva.gov</u> Phone: <u>423-843-6714</u> Fax: <u>423-843-7428</u>
PART B. WATER USE REPORTING PERIOD
6. Year: 2018
7. (Check One): New Operation x Renewal
8. List any water problems you have experienced in the last reporting period: N/A
9. Classifications of Water Use (Enter Percentage of Total use—Total must equal 100%):
<ul> <li>a) Domestic water use (drinking, human consumption and general sanitation uses)</li> <li>b) Institutional or other general uses (lawn watering laundry)</li> </ul>
% b) Institutional or other general uses (lawn watering, laundry) % c) Irrigation of crops, pastures and nursery stock
d) livestock watering (includes feed lots, dairy sanitation and fish farming)
% e) navigation (lock usage and flow augmentation for navigation)
100 % f) thermoelectric power production, including cooling purposes (excludes hydroelectric)
% g) recreational use, park use, golf course irrigation, water park use
% h) industrial uses include manufacturing, food processing, washing, and cooling
% i) hydroelectric power generation (provided none of it is used consumptively)
% j) mining (milling or where water is used to wash or process an ore)
<ul> <li>k) dewatering (mining, quarry rock production, other operations where water is withdrawn)</li> <li>1) any other use not defined above. Describe:</li> </ul>
% 1) any other use not defined above. Describe:

Year: 2018 Water Withdrawal Registration Number (From Part A, Line 1): 628						
Company Name: TVA - Sequoyah Nuclear Plant  Copy this page and submit a completed page for each withdrawal site. See attached instructions.						
Part C. Water Withdrawals		Part D. Water Discharge (i	f applicable)			
Source Point ID Number: N/A		Discharge Point ID Number:	101			
Source Point Name: N/A	<del></del>		iver (Diffuser Pond)			
Source Type: (G, S, or P): N/A		NPDES Permit No.: TN00264				
County: N/A		County: Hamilton				
River Mile: N/A		River Mile: 483.65	<del></del>			
Latitude: N/A	<del></del>	Latitude: 35 - 12 - 35				
Longitude: N/A		Longitude: 85 - 05 - 14				
Datum (NAD 27 or NAD 83): N/A			NAD 27			
Map: X NA On File	Attached	Map on file or attached:	On File			
Method of Measure (A, B, C, D, or E):	N/A	Method of Measure (A, B, C	, D, or E): <u>E</u>			
JAN Total Withdrawals: N/A	MG	JAN Total Discharge:	MG			
FEB Total Withdrawals: N/A	MG	FEB Total Discharge:	41285MG			
MAR Total Withdrawals: N/A	MG	MAR Total Discharge:	46650MG			
APR Total Withdrawals: N/A	MG	APR Total Discharge:	MG			
MAY Total Withdrawals: N/A	MG	MAY Total Discharge:	MG			
JUNE Total Withdrawals: N/A	MG	JUNE Total Discharge:	54121MG			
JULY Total Withdrawals: N/A	MG	JULY Total Discharge:	53799MG			
AUG Total Withdrawals: N/A	MG	AUG Total Discharge:	53962MG			
SEPT Total Withdrawals: N/A	MG	SEPT Total Discharge:	52118MG			
OCT Total Withdrawals: N/A	MG	OCT Total Discharge:	55247MG			
NOV Total Withdrawals:N/A	MG	NOV Total Discharge:	32843MG			
DEC Total Withdrawals: N/A	MG	DEC Total Discharge:	MG			
10. Total Annual Withdrawals: N/A	MG	17. Total Annual Discharge	es: <u>564721</u> MG			
11. Total # Days Water Withdrawn in Year	: 365					
12. Grand Total Water Withdrawals: 54	9874	MG 18. Grand Total Discharges	s: <u>564728</u> MG			
13. Grand Total # Days Water Withdrawn	in Year: <u>365</u>					
_	1507	MGD				
15. Maximum Day Water Withdrawal:	1654	MG				
16. Maximum Day Water Withdrawal occu	rred in this mo	nth: <u>July</u>				
Part E. Signature  I certify, under penalty of law, including but not limited to penalties for perjury, that this document and all attachments were prepared by me, or under my direction or supervision; that all of the submitted information is to the best of my knowledge and belief true, accurate, and complete; and that I am lawfully present in the United States as a U.S. citizen or a qualified alien as defined in 8 U.S.C. §1641(b). As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury. I understand that the penalties for providing false information and making false or fraudulent statements or representations include revocation in a fine, permit or license, civil penalties, and/or criminal prosecution resulting in a fine, imprisonment or both.						
Date: 2.7./9			$\sim$			
19. Print Name: Matthew Rasmussen		Title: Site Vice Preside	ent #			
20. Signature:						
CN-1226 (Rev. 05-15)			RDA 2853			

RDA 2853

Year: 2018 Water	r Withdrawal Reg	gistration Nu	mber (From Pa	art A, Line 1):	628	
Company Name: TVA - Sequoyah Nuclear Plant  Copy this page and submit a completed page for each withdrawal site. See attached instructions.						
		jor eacn wii				
Part C. Water Withdra	awals		Part D. Wa	ter Discharge (i	f applicable)	
Source Point ID Number:		_	_	int ID Number: _	117	
Source Point Name: TN F Source Type: (G, S, or P):			Discharge Poi		iver (ERCW)	
County: Hamilton	S			nit No.: <u>TN00264</u> Hamilton	150	
River Mile: 484.85		<u> </u>	River Mile:	484.85		
Latitude: 35 - 13 - 32				35 - 13 - 32		
Longitude: <u>85 - 05 - 13</u> Datum (NAD 27 or NAD 8	3). NAD 27	_	Longitude: Datum: NAD	85 - 05 - 13	NAD 27	
	On File	Attached		e or attached:	On File	
Method of Measure (A, B,	C, D, or E):	 		Measure (A, B, $\overline{C}$	, D, or E):	В
JAN Total Withdrawals:	1079	MG	JAN T	otal Discharge:	0.4258	MG
FEB Total Withdrawals:	1025	MG	FEB To	otal Discharge:	0.4258	MG
MAR Total Withdrawals:	1080	MG	MAR 7	Total Discharge:	0.4258	MG
APR Total Withdrawals:	1035	MG	APR T	otal Discharge:	0.4258	MG
MAY Total Withdrawals:	1120	MG	MAY 7	Total Discharge:	0.4258	MG
JUNE Total Withdrawals:	1161	MG	JUNE '	Total Discharge:	0.4258	MG
JULY Total Withdrawals:	1203	MG	JULY '	Total Discharge:	0.4258	MG
AUG Total Withdrawals:	1183	MG	AUG T	Total Discharge:	0.4258	MG
SEPT Total Withdrawals:	1136	MG	SEPT 7	Total Discharge:	0.4258	MG
OCT Total Withdrawals:	1143	MG	OCT T	otal Discharge:	0.4258	MG
NOV Total Withdrawals:	993	MG	NOV T	Total Discharge:	0.4258	MG
DEC Total Withdrawals:	1042	MG	DEC T	otal Discharge:	0.4258	MG
10. Total Annual Withdraw	/als: 13199	MG	17. Total	Annual Discharge	es: <u>5.11</u>	MG
11. Total # Days Water Wit	hdrawn in Year:	365				
12. Grand Total Water With	ndrawals: 549	874	MG 18. Grand	d Total Discharges	s: <u>564728</u>	MG
13. Grand Total # Days Wa	ter Withdrawn in	Year: 36	5			
14. Average Daily Water W	ithdrawals: 15	607	MGD			
15. Maximum Day Water W	/ithdrawal: <u>1</u>	654	MG			
16. Maximum Day Water Withdrawal occurred in this month:						
Part E. Signature I certify, under penalty of law, including but not limited to penalties for perjury, that this document and all attachments were prepared by me, or under my direction or supervision; that all of the submitted information is to the best of my knowledge and belief true, accurate, and complete; and that I am lawfully present in the United States as a U.S. citizen or a qualified alien as defined in 8 U.S.C. §1641(b). As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury. I understand that the penalties for providing false information and making false or fraudulent statements or representations include revocation in a fine, permit or license, civil penalties, and/or criminal prosecution resulting in a fine, imprisonment or both.						
10 D :	7./9	_				
7	Rasmussen	<del></del>	Title:	Site Vice Preside	ent	
20. Signature:						
CN-1226 (Rev. 05-15)					RDA 2	853

Year: 2018 Water Wi	thdrawal Registration Nu	umber (From <b>Part A</b> , Line 1):	628		
Company Name: TVA - Sequoyah Nuclear Plant  Copy this page and submit a completed page for each withdrawal site. See attached instructions.					
Part C. Water Withdrawal		Part D. Water Discharge (i			
Source Point ID Number: N/A		•			
Source Point Name: TN River		Discharge Point ID Number:	116		
Source Type: (G, S, or P):		Discharge Point Name:TN R NPDES Permit No.: TN00264	iver (CCVV)		
County: Hamilton		County: Hamilton			
River Mile: 485.2		River Mile: 485.2	<del></del>		
Latitude: 35 - 13 - 33		Latitude: 35 - 13 - 33			
Longitude: 85 - 05 - 13		Longitude: 85 - 05 - 13			
Datum (NAD 27 or NAD 83):			NAD 27		
Map: NA X On Method of Measure (A, B, C, D,		Map on file or attached:	On File		
Wiethod of Wiedsure (A, B, C, D,	or E):B	Method of Measure (A, B, C	, D, or E): <u>B</u>		
	548 MG	JAN Total Discharge:	0.1825MG		
FEB Total Withdrawals: 38	507 MG	FEB Total Discharge:	0.1825 MG		
MAR Total Withdrawals: 42	2277 MG	MAR Total Discharge:	MG		
	698MG	APR Total Discharge:	<u>0.1825</u> MG		
	9817MG	MAY Total Discharge:	MG		
<del> </del>	8470 MG	JUNE Total Discharge:	0.1825MG		
JULY Total Withdrawals:5	60086 MG	JULY Total Discharge:	0.1825MG		
AUG Total Withdrawals:	50086 MG	AUG Total Discharge:	0.1825MG		
SEPT Total Withdrawals:	48470 MG	SEPT Total Discharge:	MG		
OCT Total Withdrawals:	50086MG	OCT Total Discharge:	0.1825MG		
NOV Total Withdrawals:	36891MG	NOV Total Discharge:	0.1852MG		
DEC Total Withdrawals:	41738 MG	DEC Total Discharge:	0.1825MG		
10. Total Annual Withdrawals:	MG	17. Total Annual Discharge	es: <u>2.19</u> MG		
11. Total # Days Water Withdraw	wn in Year: 365				
12. Grand Total Water Withdraw	vals: <u>549874</u>	MG 18. Grand Total Discharges	s: <u>564728</u> MG		
13. Grand Total # Days Water W	ithdrawn in Year: 368	5			
14. Average Daily Water Withdr	awals:1507	MGD			
15. Maximum Day Water Withdo	rawal: <u>1654</u>	MG			
16. Maximum Day Water Withdo	rawal occurred in this mo	onth: <u>July</u>			
Part E. Signature  I certify, under penalty of law, including but not limited to penalties for perjury, that this document and all attachments were prepared by me, or under my direction or supervision; that all of the submitted information is to the best of my knowledge and belief true, accurate, and complete; and that I am lawfully present in the United States as a U.S. citizen or a qualified alien as defined in 8 U.S.C. §1641(b). As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury. I understand that the penalties for providing false information and making false or fraudulent statements or representations include revocation in a fine, permit or license, civil penalties, and/or criminal prosecution resulting in a fine, imprisonment or both.  Date:  2-7-19					
19. Print Name: Matthew Rasm	nussen	Title: Site Vice Preside	ent		
<b>20.</b> Signature: CN-1226 (Rev. 05-15)			RDA 2853		