



NRC FFD Program Performance Data Reporting System
NRC Form 892, Annual Fatigue Reporting Form
10 CFR Part 26, Subpart I - Managing Fatigue
(EIE General Submission Portal)

Facility: Watts Bar (50-390, 50-391)
Period of Report: 2019

Note: 1) Use Adobe Reader 8 or later for the form to work properly. 2) Hold your mouse over a form field to view additional information.

APPROVED BY OMB: CLEARANCE NO. 3160-0146

EXPIRES: 04/30/2021

Estimated burden per response to comply with this collection request is 74 hours. This form is a voluntary means of reporting the information required under 10 CFR 26.223(a). The information will be used by NRC to evaluate fatigue program performance related to work hour controls and waivers. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collection Branch (TS-F53), U.S. Nuclear Regulatory Commission, Washington DC 20555-0001, or by e-mail to info@icdata.Resource@NRC.gov...

Submission Update - check the box only if this is an update to a previous submission
Did your facility issue any waivers in the reporting period? (Yes / No)
Was this facility in an outage for any part of the reporting period? (Yes / No)
Did any single site outage last more than 60 days in total? (Yes / No)

Summary of Waiver Issuance - 26.203(e)(1)(i)-(ii)

Table with columns: Work Hour Controls, Number of Waivers Issued (Operating, Outage), and Calculated Totals. Rows include Daily Work Hours, Rest Breaks, Minimum Days Off, and Alternating Days Off.

\*NOTE: For individuals performing fire brigade duties and other duties, please count them only under the fire brigade column. Do not double count these individuals.

Distribution of Waivers for Individuals in Each Category - 26.203(e)(1)(ii)

Table showing the distribution of waivers for individuals across various categories like Operating, Health Physics, Fire Brigade, etc.

\*NOTE: For individuals performing fire brigade duties and other duties, please count them only under the fire brigade column. Do not double count these individuals.

Person(s) Responsible for Information Provided

Person 1 (required) fields: Key, First Name, Last Name, Business Support Req, Position Title, Company Email Address.

Final Step (Required) - NRC will consider this form authentic in accordance with 26.11 only when the 'Validate & Lock' button has been selected and all errors (i.e., those highlighted in red) have been corrected.

Buttons: Locked, Form Locked On: Feb 24, 2020 at 10:37:51 AM, Save to Local PC, Print this Report.

Summary of Corrective Action - 26.203(e)(2) (as applicable)

Analysis of Waiver Assessment Data (Limit 10,000 characters)
Analysis of Fatigue Assessment Data (Limit 10,000 characters)
Conclusions (Limit 10,000 characters)
Summary and Status of Corrective Actions (Limit 10,000 characters)

General Comments (optional) (Limit 10,000 characters)

None

# Nuclear Fatigue Rule Annual Review and Summary

**Table 1**  
**Summary of NFR Violations and 54 Hour Performance Objective**

<b>Department:</b>	All	<b>Site:</b>	WBN	<b>Period:</b>	2019
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Calendar Quarter	>16/24		>26/48		>72/7 days		10 hr break		34 hr break		MDO		54 Hr	CR #
	onl	out	onl	out	onl	out	onl	out	onl	out	onl	out		
1														
2		8		3		3				3				1513036
3														
4	1		6				1							1576387 1555048
<b>Total</b>	1	0	6	3	0	3	1	0	0	3	0	0	0	

**Negative or Declining Trend?**

CR	Trend
	N/A

## Nuclear Fatigue Rule Annual Review and Summary

Table 2  
Summary of Waivers

<b>Department:</b>	ALL	<b>Site:</b>	WBN	<b>Period:</b>	2019
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Waivers by Type	Rule/s Waived											
	>16/24		>26/48		>72/7 days		10 hr break		34 hr break		MDO	
	onl	out	onl	out	onl	out	onl	out	onl	out	onl	out
<b>Total</b>	1		26 <i>KSW</i>	3			1			3		4

*2/24/2020*

Waivers per individual	1	2	3	4	5
<b>Total</b>	8	1	1		

**Negative or Declining Trend?**

CR	Trend
N/A	N/A

*The 26/48 was for Six people. It covered five hours but crossed over midnight so MIG counted for Two Days Instead of one.*

## Nuclear Fatigue Rule Annual Review and Summary

Table 3

<b>Department:</b>	All	<b>Site:</b>	WBN	<b>Period:</b>	2019
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Annual Summary	Reason for Fatigue Assessment										Worker NFR Status		Management Action Taken
	Post Event		For Cause		Self Declaration		Waiver		Follow Up		Cov	NCW	
	onl	out	onl	out	onl	out	onl	out	onl	out			
<b>Total</b>													<b>Sent Home (example)</b>
1487664	1											1	Removed from work
1513036								1			1		Returned to work
1513035								1			1		Returned to work
1513034								1			1		Returned to work
1576384								6			6		Returned to work
1571739					1						1		Removed from work
1506816			1								1		Removed from work
1503734	1										1		Removed from work
1555048								1			1		Returned to work
1505462		1									1		Returned to work
1508460				1							1		No Assessment Done
1510412					1						1		No Assessment Done
<b>Total</b>	2	1	1	1	2	0	0	10	0	0	16	1	<b>Continued on separate page? Yes</b> <b>No</b>

**Negative or Declining Trend?**

CR	Trend
N/A	N/A

- Submit approved review to the Site NFR Lead.
- Retention: Three years or until completion of related legal proceedings, whichever is later.

**Attachment 4**  
**(Page 1 of 2)**  
**Annual NRC Report Data**

Site	Year
WBN	2019

Summary of Waiver Issuance 26.203(e)(1) (i-ii)														
Group	Number of Waivers Issued for Each Work Hour Control Limit													
	>16 hr/24 hr period		>26 hr/48 hr period		>72 hr/7 day period		<8 hr break		<10 hr break		< 34 hr break in any 9 day period		<Minimum Day Off Requirement	
	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage	Online	Outage
Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Brigade	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance	3	0	6	0	0	1	0	0	1	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiation Protection	0	0	0	3	0	3	0	0	0	0	0	3	0	0
Security	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>

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**Attachment 4  
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Distribution of Waivers for Individuals in Each Category – 26.203(e)(iii)						
Number of Waivers Issued	Operations	Fire Brigade	Maintenance	Chemistry	Radiation Protection	Security
1	6	0	3	0	0	0
2	0	0	4	0	0	0
3	0	0	0	0	3	0

**Summary of Corrective Actions – 26.203(e)2:**

Prepared by/Completed by: Katy Wilson Date: 2-24-2020  
 Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

Note: This attachment meets Requirement 11 [R-11] documented in the source notes of NPG-SPP-03.21.