

Hurricane Florence: Flood Danger to Brunswick Nuclear Plant on North Carolina Cape Fear River

By [Roy Morrison](#)

Global Research, September 14, 2018

Region: [USA](#)

Theme: [Oil and Energy](#)

Note to readers: please click the share buttons above. Forward this article to your email lists. Crosspost on your blog site, internet forums. etc.

The two reactor Brunswick nuclear plant on the Cape Fear River in North Carolina may be critically threatened by flooding from hurricane Florence. The nuclear plant has a sea wall designed to withstand 22 feet of flooding according to the Nuclear Regulatory Commission.

The National Weather Service in Wilmington NC reported on Thursday that the Cape Fear River is expected to crest at up to 22 feet on Tuesday Sept. 17 swollen by hurricane Florence storm surge and downpours.

The seawall was constructed following the Fukushima nuclear disaster in Japan after a tsunami overtopped the sea wall and damaged plant electric power and controls leading to catastrophic meltdowns and release of radiation.

The Brunswick reactors are the same GE Mark I reactors that are at Fukushima. It is highly likely that offsite power to the nuclear plant will be disrupted by hurricane Florence. In this case, onsite emergency generators will be required to maintain cooling systems for the nuclear plants and spent fuel ponds filled with highly radioactive waste.

If water overtops the seawall, it can lead to electrical failure and potential for catastrophic events similar to the Fukushima reactor disaster that resulted in multiple reactor meltdowns and hydrogen explosions in overheating reactors.

“It is extremely worrying that the Tuesday forecast is for a 22 foot flood crest at 22 foot sea wall at the Brunswick plant. Inadequate nuclear safety measures once again pose the unnecessary risk of catastrophic accidents,” said energy expert Roy Morrison.

*

Roy Morrison's latest book is Sustainability Sutra Select Books, NY 2017. He builds solar farms.

The original source of this article is Global Research
Copyright © [Roy Morrison](#), Global Research, 2018

[Comment on Global Research Articles on our Facebook page](#)

[Become a Member of Global Research](#)

Articles by: [Roy Morrison](#)

Disclaimer: The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: publications@globalresearch.ca

www.globalresearch.ca contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: publications@globalresearch.ca