

**Subject:**Atkins False and Misleading Statements on ITER/JET

**Date:**Wed, 5 Sep 2018 10:08:08 -0700

**From:**Steven B. Krivit <[steven@newenergytimes.com](mailto:steven@newenergytimes.com)>

**To:**Richard.lyall@atkinsglobal.com

**CC:**Julianne.Antrobus@atkinsglobal.com, martin.grant@atkinsglobal.com,  
tony.price@atkinsglobal.com

Richard Lyall  
Nuclear Major Projects Director

Dear Dr. Lyall,

I direct your attention to the enclosed letter.

Kind regards,  
Steve

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Steven B. Krivit

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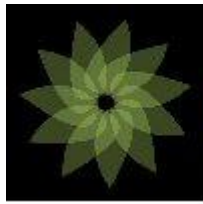
Editor-in-Chief Wiley & Sons *Nuclear Energy Encyclopedia: Science, Technology, and Applications*

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# New Energy Times

Sept. 5, 2018

Richard Lyall  
Nuclear Major Projects Director  
Atkins

Dear Dr. Lyall,

I understand from Julianne Antrobus that you have taken over the duties previously handled by David Whitmore.

A page on the Atkins site (<https://www.atkinsglobal.com/en-gb/projects/iter-fusion-reactor>), previously managed by Whitmore, contains two false and misleading claims:

"ITER will produce 500MW of power for 50MW input - current record is 16MW."

Rather, the ITER reactor is designed to produce net power equivalent to about zero Watts. The 500 MWth value is the gross power output of the plasma and does not account for the 300 MWe input (minimum) that the reactor will require.

The JET reactor did not produce net power output of 16 MWth. That record result consumed 700 MWe and thus it produced a net loss of 684 MW.

In your correction effort, I caution you against using the phrase "500MW of fusion power" because it relies on the [hidden double meaning](#) of the phrase "fusion power." I also caution you against promoting the thermal output values of the plasma as only a factor of injected thermal power into the plasma. That's not honest. These reactors simply do not operate on injected thermal power alone.

[This article](#) should answer all your questions about the details and facts. If not, please feel free to contact me.

Kind regards,

Steven Krivit  
Publisher and Senior Editor, *New Energy Times*