

1 State of Arkansas  
2 92nd General Assembly  
3 Regular Session, 2019  
4

*As Engrossed: H3/26/19*

HCR 1015

5 By: Representative Ladyman  
6 By: Senator G. Stubblefield  
7

## 8 **HOUSE CONCURRENT RESOLUTION**

9 TO SUPPORT THE STUDY OF THE COMMERCIAL APPLICATION OF  
10 EXISTING TECHNOLOGY TO RECLAIM AND REPURPOSE SPENT  
11 NUCLEAR FUEL RODS.  
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### 14 **Subtitle**

15 TO SUPPORT THE STUDY OF THE COMMERCIAL  
16 APPLICATION OF EXISTING TECHNOLOGY TO  
17 RECLAIM AND REPURPOSE SPENT NUCLEAR FUEL  
18 RODS.  
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20 WHEREAS, in August 2016 the Argonne National Laboratory hosted a  
21 delegation from Arkansas, including staff from the Arkansas Economic  
22 Development Commission; and  
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24 WHEREAS, in January 2017 the Arkansas Alternative Energy Commission  
25 issued a recommendation to Governor Asa Hutchinson to support the University  
26 of Arkansas and the United States National Laboratories to prepare and make  
27 recommendations and to offer options on using existing technology to convert  
28 spent nuclear fuel rods into new nuclear fuel; and  
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30 WHEREAS, in August 2017 the Joint Committee on Energy held hearings on  
31 advanced nuclear technology to reprocess spent nuclear fuel and unanimously  
32 approved an interim study resolution on the matter; and  
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34 WHEREAS, in November 2018 the Joint Committee on Energy held a meeting  
35 at Arkansas Nuclear One and further discussed these issues, and the following  
36 points were made:



1 (1) The University of Arkansas system President, Dr. Donald  
2 Bobbitt, said that the University of Arkansas system, in conjunction with  
3 other institutions of higher education, can and are willing to provide a  
4 detailed analysis examining the benefits of "New Nuclear" compared to the  
5 risks of continued storage of spent fuel at Arkansas Nuclear One;

6 (2) The Argonne National Laboratory manager of the nuclear  
7 chemical engineering department, Dr. Mark Williamson, said that the fast  
8 reactor technology and electrochemical spent fuel reprocessing is ready for  
9 commercial development;

10 (3) The Department of Health section chief for radiation  
11 control, Mr. Bernard Bevill, said the Department of Health supports the  
12 *application for funding the establishment of an education, risk analysis, and*  
13 *optimization design program; and*

14 (4) The Arkansas Department of Environmental Quality Chief  
15 Program Officer, Mr. Michael Grappe, said the Arkansas Department of  
16 *Environmental Quality supports the application for funding the establishment*  
17 *of an education, risk analysis, and optimization design program,*

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19 NOW THEREFORE,

20 BE IT RESOLVED BY THE HOUSE OF REPRESENTATIVES OF THE NINETY-SECOND GENERAL  
21 ASSEMBLY OF THE STATE OF ARKANSAS, THE SENATE CONCURRING THEREIN:

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23 THAT the House of Representatives recommend that Governor Asa  
24 Hutchinson offer to the federal government a specific program to include a  
25 proposed location in Arkansas and for the assets required to close the  
26 *nuclear fuel cycle and request grant funding for the establishment of an*  
27 *education, risk analysis, and optimization design program.*

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29 BE IT FURTHER RESOLVED THAT the House of Representatives recommend the  
30 Governor assemble a team composed of persons with expertise from the Arkansas  
31 General Assembly, the Executive Branch, the University of Arkansas, and the  
32 Argonne National Laboratory to submit a funding application to the United  
33 States Department of Energy.

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35 BE IT FURTHER RESOLVED THAT upon adoption, a copy of this resolution shall be  
36 transmitted to Governor Asa Hutchinson by the Chief Clerk of the House of

1 Representatives.

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*/s/Ladyman*

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