



HR1274

LRB095 21032 KXB 50216 r

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HOUSE RESOLUTION

2 WHEREAS, Dr. Ronald H. Carty will retire June 30, 2008, as
3 head of the Illinois Clean Coal Institute, located in
4 Carterville, after serving 11 years at ICCI and distinguishing
5 himself as one of the leading scientific and technical
6 authorities in the United States in terms of clean coal
7 technology; and

8 WHEREAS, Dr. Carty joined the Illinois Clean Coal Institute
9 (ICCI) in 1997 and became its Director in 1999; the Institute,
10 the technical arm of the Illinois Office of Coal Development,
11 is responsible for direction of the Coal Research and
12 Development Program under the Department of Commerce and
13 Economic Opportunity; under Dr. Carty's leadership ICCI and
14 DCEO have conducted perhaps the most significant
15 State-sponsored coal research program in the nation; and

16 WHEREAS, Dr. Carty has spent more than 30 years in research
17 and development; he is a native of coal country in eastern
18 Kentucky and received his Bachelor's of science degree from the
19 University of Cincinnati and his Master's and doctoral degrees
20 in chemical engineering from the University of Kentucky; after
21 doing post-doctoral work, Dr. Carty began his professional
22 career in coal research at the University of Kentucky Center Of
23 Applied Energy Research (formerly known as the Institute for

1 Mining and Minerals Research); among his projects at the
2 University of Kentucky, Dr. Carty helped to develop projects in
3 multi-fuel and fluidized-bed combustion systems as well as
4 production of hydrogen through the Institute for Mining and
5 Minerals Research thermochemical water splitting; and

6 WHEREAS, Prior to his tenure at ICCI, Dr. Carty worked for
7 16 years at the Institute of Gas Technology in Des Plaines,
8 leaving with the position of Assistant Director of Process
9 Research; at IGT, he directed research for thermal gasification
10 of biomass, coal liquefaction, coal tar upgrading, and sulfur
11 removal from coal char; he also was involved with projects
12 related to sulfur sorbents, as well as the development of an
13 advanced mild gasification process for coal that produces solid
14 and liquid co-products; and

15 WHEREAS, He also managed research on mineral matter
16 behavior in coal gasification, high-temperature gas cleaning,
17 and direct flux solar reactor applications; Illinois' success
18 in achieving a position of national prominence in the fields
19 related to coal development and clean coal research are a
20 direct result of the initiative, innovation, and leadership Dr.
21 Carty has provided; and

22 WHEREAS, At the close of his career, he and his staff at
23 ICCI contributed in numerous and significant ways to the effort

1 that resulted in Illinois being selected in December 2007 to
2 host the \$1.8 billion FutureGen project, designed to be the
3 first near-zero emissions electric power facility anywhere in
4 the world; and

5 WHEREAS, Dr. Carty will be recognized for his work at a
6 reception to be held on June 9, 2008 at the Rend Lake Resort at
7 Wayne Fitzgerald State Park; therefore, be it

8 RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE
9 NINETY-FIFTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that we
10 congratulate Dr. Carty and wish him the best as he retires; and
11 be it further

12 RESOLVED, That a suitable copy of this resolution be
13 presented to Dr. Ronald Carty as a symbol of our respect and
14 esteem.