



Argonne National Laboratory  
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B. R. Seidel



GatorMail-Q

EXAMPLE: Sending NW info to many

March 3, 1995

Mr. James L. Acord  
P.O. Box 159  
Richland, WA 99352

Dear Jim,

I want to sincerely thank you for giving those presentations at Argonne last week. I have received many positive comments from several who attended.

My wife, family and I also feel privileged to have had an opportunity to spend some time together. Joy quickly recognized, with exclamation, the newspaper article in the Sunday edition of the Idaho Falls Post Register. I've enclosed the section for you as a souvenir. She now knows someone very famous!

Wishing you the very best and thanks again for everything! Say, would you like to have some of the material we separate when our Fuel Cycle Facility starts up?

Sincerely,

*Bob*  
B. R. Seidel

BRS:brs

cc: J.I. Sackett  
L.C. Walters  
RF

*Yes, sure Bob - I'll take enough  
Pu<sup>239</sup> to make 3 or 4 crude nuclear  
bombs - then I will be able to raise  
enough money to make the art that  
will save civilization*

*Jim*

Received: by gusate.ia.anlw.ac.uk (2.01/GatorMail-Q); 23 Feb 1995 13:08:54 U  
Received: from ANLVM by ANLVM.CTO.ANL.GOV (IBM VM SMTP R1.2.2) id 3302;  
Thu, 23 Feb 95 14:02:46 CST  
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id 3574; Thu, 23 Feb 95 14:02:46 CST  
Received: from UGA.CC.UGA.EDU (MJS origin LISTSERV@UGA) by UGA.CC.UGA.EDU  
(Umail V1.2a/1.8a) with SMTP id 7769; Thu, 23 Feb 1995 13:34:31 -0500  
Date: Thu, 23 Feb 1995 13:30:18 -0500  
Reply-To: The American Nuclear Society Discussion List on Public  
Information <ANS-PUBDIS@VM.BITNET>  
Sender: The American Nuclear Society Discussion List on Public



Sent By: Bob Seidel 2/23/95 1:03 PM  
From: The American Nuclear Society D (2/23/95)  
To: [REDACTED]  
CC:  
BCC:  
Priority: Normal

Page: 1

Date sent: 2/23/95 1:09 PM

*The kind of  
stuff I read  
while masturbating!*

## GatorMail-Q

EXAMPLE: Sending NW info to many

FWD:

From: IN% [REDACTED] 23-FEB-1995 10:24:53.60

Well, the power reactor performance numbers for 1994 are out in Nucleonics Week. The arithmetic average of power reactor capacities increased from 69.57% in 1993 to 70.2% in 1994. Excluding reactors in the former Soviet east bloc, these figures are 70.75% (1993) and 72.36% (1994). Reactor performance was up over 1993 figures for PWRs, Gas-cooled, and PHWRs, but down slightly for BWRs and down considerably for RBMKs:

| Reactor type | # reactors | 1994 capac | 1993 capac | 1992 capac |
|--------------|------------|------------|------------|------------|
| PWRs         | 234        | 72.68%     | 72.21%     | 72.73%     |
| BWRs         | 92         | 69.12%     | 69.43%     | 67.24%     |
| Gas-Cooled   | 36         | 71.53%     | 64.69%     | 58.54%     |
| PHWRs        | 33         | 65.99%     | 62.88%     | 61.70%     |
| RBMKs        | 17         | 55.53%     | 66.61%     | N/A        |

For the 27 AECL CANDUs, the 1994 capacity is 71.86% (68.35% in 1993 and 63.98% in 1992). For Canada alone, the 1994 capacity figure was 76.39% (1993 = 70.08%, 1992 = 68.09%). Canada produced 110,653,766 MWh (gross) of electricity from CANDUs (1993=97,483,667 MWh, 1992 = 81,279,479 MWh). This is a 25% increase from 1992 to 1994.

Worldwide, nuclear reactors output a total (gross) of 2,171,640,753 MWh of electricity in 1994, an increase of 2% over 1993. Based on an approximate energy content of 7.62 MWh per ton (2000 lb) of eastern U.S. coal ("Nuclear Energy Technology" by Knief, McGraw-Hill 1981), the world nuclear electrical production is approximately equivalent to 285,000,000 tons (260,000,000 tonnes) of coal. If the value of 5.27 MWh per ton of low-sulphur western coal is used, the world nuclear electrical production is approximately equivalent to 410,000,000 tons (370,000,000 tonnes) of coal.

For a complete picture of 1994 performances, have a look at Nucleonics Week, Feb 9 1995.

- Morgan Brown

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Information <ANS-PIE@GITVM1.BITNET>  
Sender: The American Nuclear Society Discussion List on Public  
- more -



Printed By: Bob Seidel 2/23/95 1:04 PM  
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CC: [REDACTED]  
BCC: [REDACTED]  
Priority: Normal

Page: 1

Date sent: 2/23/95 1:09 PM

## GatorMail-Q

OMRI Daily Digets, No. 39, Part I

FWD: I haven't heard whether these Russian nuclear news items should continue, or who else might be interested for ANS.

Please advise.

Regards, Jim Muckerheide

-----forwarded message-----

IRAN NUCLEAR DEAL WON'T STOP RUSSIAN AID. U.S. State Department spokeswoman Christine Shelly said the Clinton administration opposes halting aid to Russia, even if it followed through with supplying nuclear reactors to Iran, Reuters reported on 22 February. Although the U.S. is against the Russian-Iranian deal, Shelly said, "The main purpose of our aid to Russia is to support Russia's transition to a democratic government and to a market economy, which are the key foreign policy objectives of this administration . . . Conditioning U.S. aid to Russian actions would be counterproductive to accomplishing these objectives." The U.S. speaker of the lower house, Newt Gingrich, has said such aid should stop if Russia goes ahead with the deal. On 23 February, Russian Deputy Foreign Minister Georgy Mamedov will conclude talks in Washington on Russia's role in European security and the Iranian deal. -- Michael Mihalka, OMRI, Inc.

RUSSIA INTENDS TO SUPPLY NUCLEAR REACTOR TO INDIA. Russia has announced plans to supply another nuclear reactor to India, Interfax reported on 22 February. The Russian Nuclear Energy Ministry said a detailed contract would be signed in the near future. The ministry dismissed concerns expressed by the Nuclear Suppliers' Group that India does not adhere to the Nuclear Nonproliferation Treaty saying the intended reactor's design does not permit the "industrial production of war plutonium." -- Michael Mihalka, OMRI, Inc.

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From: Jim Muckerheide [REDACTED]  
Subject: OMRI Daily Digets, No. 39, Part I, 23 F  
X-To: [REDACTED]  
To: Multiple recipients of list ANS-PIE <ANS-PIE@GITVM1.BITNET>