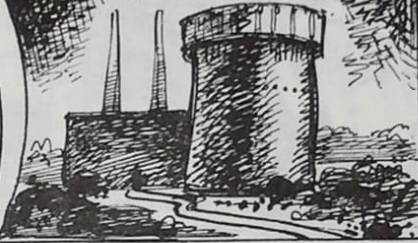


Auntie NUKE'S

Guide to
Nuclear Power

by
Pete Sinclair
© 1979

LISTEN UP HERE YA GREENHORNS,
NUCLEAR PLANTS ARE A FRAUD
ON US ALL! THEY'RE NOT SAFE,
CLEAN, OR CHEAP!



The first plants were small, and built at a loss by companies like GE and Westinghouse.

We'll take a loss on this one and make Billions later!

YOU'RE A GENIUS BOB!

It all started in the 50's with a lot of over-optimistic projections.....

It'll be so cheap we won't have to meter it!



Just a small monthly charge! He heh.

Problems were glossed over - or left for some FUTURE TECHNOLOGY to solve them.....



...and what about those waste materials?

SIMPLE! We'll put them on the MOON - of course they're real useful for smoke alarms and Bombs and other great things.

IN THE LATE SIXTIES, though the largest operating plants were 200 megawatts or under - utilities began to order Huge plants of 500, 600, even 1200 megawatt size!



YUP, OUR NEW ATOMIC PLANT WILL PRODUCE 500 MEGAWATTS!

DRAT! WE DON'T HAVE ANY NUCLEAR PLANTS!

Atomic Enthusiasts continued to make predictions that seem ludicrous and naive to us today!



WE'LL BRING SO NEW PLANTS ON LINE EACH YEAR!

ELECTRICAL GROWTH RATES WILL CONTINUE TO ACCELERATE FOREVER AND EVER.

Plutonium breeders will produce more fuel than they consume!

We will dig canals and moof mountains with atomic bombs!

SYMPOSIUM ON THE ATOM

In the Early Seventies - conditions began to change --- Citizens groups began to Challenge Nuclear Plants in hearings before the AEC.



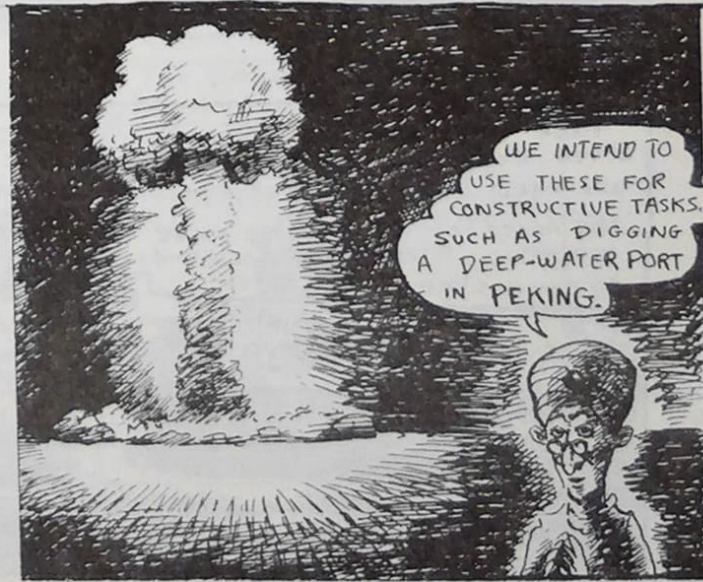
NEXT, WE'LL Hear from the Meddlers (ahem) INTERVENORS.

YES SIR, WE'D LIKE TO ASK, WHAT IF YOUR RADIATION RELEASES CAUSE CANCER AND GENETIC DAMAGE, WHAT ARE YOU GOING TO DO WITH THE WASTES, AND WHY HAS OUR ATTORNEY BEEN BOUND AND GAGGED??

OBJECTION.

OBJECTION SUSTAINED! THOSE QUESTIONS ARE NOT WITHIN THE SCOPE OF THESE HEARINGS!

India tested a Nuclear Weapon... Developed from wastes of a "Peaceful" Nuclear Power Plant!

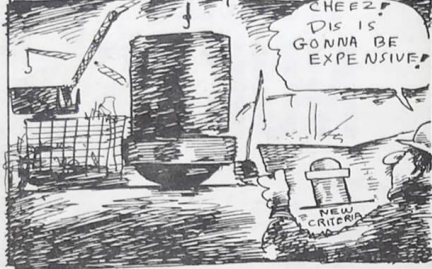


WE INTEND TO USE THESE FOR CONSTRUCTIVE TASKS... SUCH AS DIGGING A DEEP-WATER PORT IN PEKING.

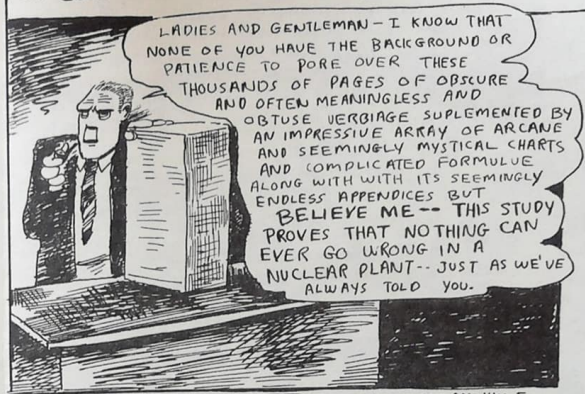
The long-awaited small scale tests of Emergency Core Cooling systems ended in 6 trials and 6 failures!



This and other new information indicated the need for extensive design modification for plants then being constructed.



The Government attempted to quiet public doubts...



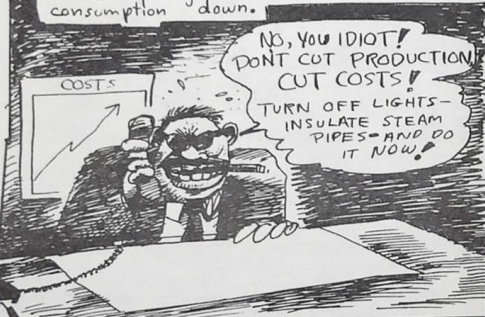
Industry spokesmen warned against antinuclear fanatics...



The crucial event of the 70's was the Arab oil embargo and subsequent increase in energy prices.



Naturally - higher costs forced electrical consumption down.

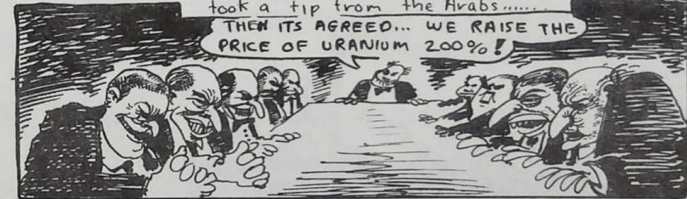


Some softer voices were also heard



MEANWHILE....

the major international exporters of uranium took a tip from the Arabs..... THEN ITS AGREED... WE RAISE THE PRICE OF URANIUM 200%!



Utility Revenues dropped - Nuclear construction stalled due to lack of funds as many utilities faced bankruptcy!

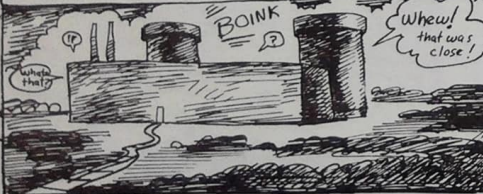


Subsequent delays in Nuclear construction, as well as cost increases - were blamed on "irresponsible radicals" and "eco maniacs".



we continue to be frustrated by RADICALS in our attempts to bring more plants on line....

Those plants which were completed were often unreliable. They operated, on the average, 50-60% of the time, instead of the hoped for 80%. This made them more expensive. Meanwhile, accidents continued to come close to disasters....



Many Scientists within the Nuclear Industry began to re-evaluate their convictions that Nuclear Energy was Safe and Clean....



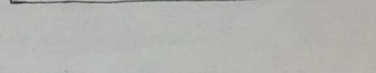
THUS, WHEN UTILITIES EMERGED FROM THE THROES OF THEIR RECESSION - CONDITIONS HAD FUNDAMENTALLY CHANGED.....



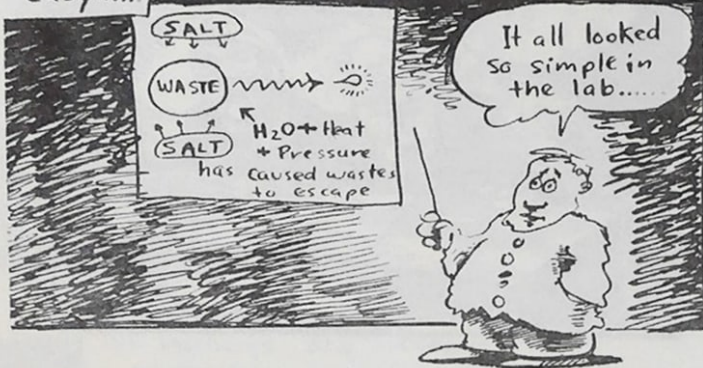
So.... Utilities nationwide have been selling shares of nuclear plants to rural and municipal utilities --- who in turn apply to the Rural Electrification Administration for enormous government backed loans!



The BAILOUT of the Nuclear Industry has begun - and plant construction isn't the only area where taxpayers dollars will be spent....



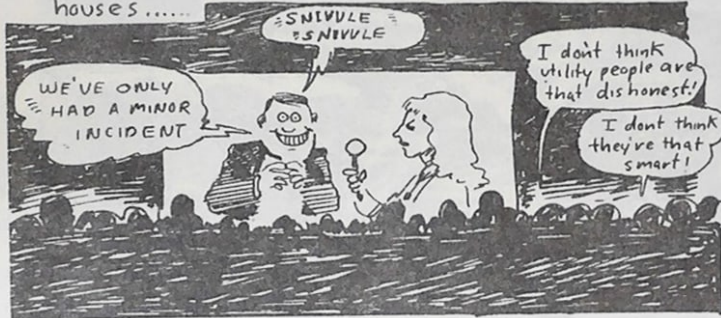
The Nuclear Waste problem has proven to be so complex and expensive that the federal government will have to handle it - and nobody yet knows how it's to be done -- the old standard solution of storage in salt domes no longer looks easy....



Finally, the debate over low level radiation standards has re-emerged as new studies seem to indicate low levels are more deadly than was previously thought...



Public apprehension about nuclear plants is on the rise as they pack movie houses.....



And see their fears confirmed in real life!



We have alternatives - Nationwide, Nuclear energy produces only 13% of our electricity - and we have as a nation 33% more electrical energy than we need. Our energy shortage is an oil shortage - and nukes can't replace gasoline. Conservation and alternative technologies will produce more jobs and energy per dollar spent than any nuclear technology.

