

E. 01345A-10-0394
E. 01345A-12-0290
E. 01933A-12-0296
E. 04204A-12-0297 ARIZONA CORPORATION COM



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UTILITY COMPLAINT FORM

RECEIVED

Investigator:

Phone: 2013 DEC -4 P 3: 34

Fax:

Priority: Respond Within Five Days

ORIGINAL

Opinion No. 2013 - 113795

Date: 11/14/2013
Arizona Corporation Commission

Complaint Description: 10P Power plant opinions, whether in favor or opposed.
N/A Not Applicable

DOCKETED

DEC 04 2013

Complaint By: First: Terry

Last: Finefrock

DOCKETED BY [Signature]

Account Name: Mr. Terry Finefrock, CPIM

Home: (000) 000-0000

Street: n/a

Work:

City: n/a

CBR:

State: AZ Zip: n/a

is:

Utility Company: Tucson Electric Power Company

Division: Electric

Contact Name:

Contact Phone: (500) 1

Nature of Complaint:

DOCKET NOS. E-01345A-10-0394 E-01345A-12-0290 E-01933A-12-0296 E-04204A-12-0297

m: tfinefrock@comcast.net [

Sent: Sunday, October 27, 2013 9:40 AM

To: Utilities Div - Mailbox; Pierce-Web; Burns-Web; Stump-Web; BitterSmith-Web; Rburns-Web; Steven Olea

Cc: vajra@vecat-inc.com; terry finefrock; sandy.bahr; renee downing; Ryan Randazzo; Terry Finefrock

Subject: Cost of Nukes (Palo Verde) : Integrated Resource Planning

Commissioners & Director Olea,

Attached is an Arizona Daily Star/Bloomberg News article regarding the significant costs associated with the disposal & storage of spent nuclear fuel waste; \$20.8B and \$550M/year of maintenance and security expenses, collection of \$29B of taxes to fund a Nuclear Waste Fund.

No State sincerely desires to be a radioactive waste storage site; after spending \$billions to develop Yucca Flats and providing Nevada with significant economic stimulus, Nevada successfully lobbied the Federal Government to cease development resulting in significant waste of taxpayer funds and continuing taxpayer charges.

Utilities have successfully sued the Federal government for \$2B to recover the expensive storage costs, shifting those costs from Ratepayers to taxpayers. Utilities also have minimal Insurance, shifting liability costs to Federal taxpayers for the damages of any catastrophic accident or theft and misuse of the radioactive materials which increase as those assets age and more waste generated. Nuclear generation also loses billions of gallons of precious water lost to evaporation; the cost of alternative water sources 10 to 50 times more costly than current sources are charged to water ratepayers.

Historically the Commission considered these and similar costs to be "external" to the Utility financial model so did not consider them when approving or denying Utility generation technology choices, but now allow them to be included in the base rates and surcharges and recovered by the utility shareholders at great avoidable

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expense to ratepayers; i.e., environmental compliance adjuster (visible emissions penalty) and fuel surcharge (carbon penalty), and increased water rates.

Solar electric technology using "fuel" abundant in Arizona results in no such costs; the \$29B and \$550M of annual waste maintenance could be used to establish Gigawatts of PV SAT facilities, eliminate/reduce related transmission infrastructure (10% of TEP Residential bills), energy losses(8%), incremental generation to replace the energy losses and resulting increased emissions (ECA charges), water losses, and in TEP territory, generation of coal ash, mercury, and related waste disposal, storage costs and risk of groundwater contamination. Large scale demand(procurements) for generating facilities could also be used to reduce the cost/kWh of the solar facilities eliminating the Renewable Energy Surcharge(RES), leverage and incite the provision of feasible energy/electricity storage technologies, eliminating/reducing the need for Demand & TOU surcharges; \$Billions of annual costs charged to/recovered from ratepayers, an avoidable burden on our local economies.

Please seriously consider and act to reduce these costs to ratepayers, and ratepayers as taxpayers, satisfy the Commission's constitutional responsibility to optimize benefit to ratepayers, during the upcoming Integrated Resource Planning actions.

Sincerely,

TEP Ratepayer

End of Complaint

Utilities' Response:

Investigator's Comments and Disposition:

DOCKETED

End of Comments

Date Completed: 11/14/2013

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