

These contentions 1 through 5 are respectfully  
submitted to the United States Nuclear  
Regulatory Commission, Washington, D.C.,  
20555 regarding the Zimmer Power Station -  
Unit 1 at Moscow, Ohio, with respect to  
Part 2, 10 Code of Federal Regulations,  
Section 2.714, Subsections A and B, by  
Doug Gillman, 2109 St. James Place,  
Cincinnati, Ohio 45206 with the understanding  
that if Doug Gillman requires legal counsel  
it will be appointed or that Doug Gillman  
may serve as counsel for himself.

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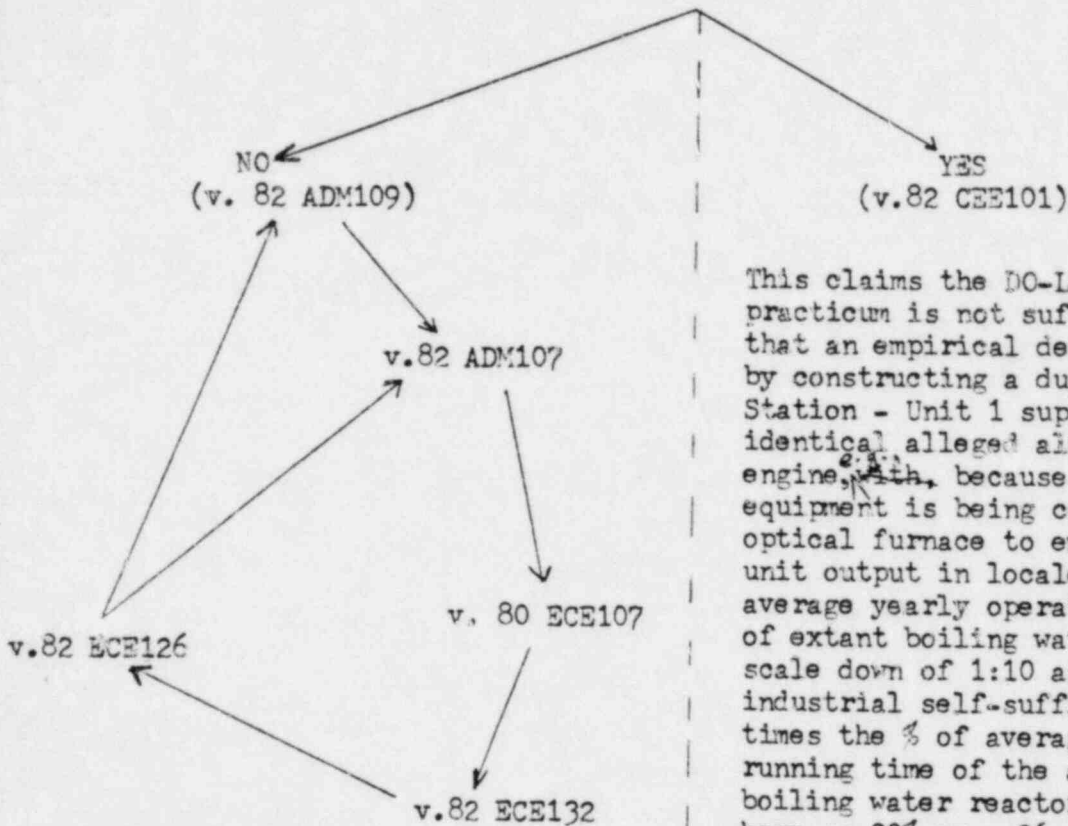
REGULATORY & SERVICE  
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## Contention 1

The diesel generator transmission gears of the Zimmer Power Station-  
Unit 1 do not observe the theoretical tenets of v.82 MIE115  
and ought to be redesigned with respect to any allegation of  
structural alterations which is not corroborated.

Contention 2

The assumption that the Zimmer Power Station - Unit 1 suppression pool structural materials "are homogeneous and isotropic is suspect".



This claims the DO-LOOP (Contention 2 - NO) practicum is not sufficient and also claims that an empirical determination must be made by constructing a duplicate Zimmer Power Station - Unit 1 suppression pool - with identical alleged alterations <sup>and</sup> a research engine, <sup>with</sup> because safety related equipment is being contended, a solar optical furnace to emulate British thermal unit output in locale to compare with the average yearly operational running time of extant boiling water reactors with a scale down of 1:10 as an <sup>engine</sup> model for industrial self-sufficiency, i.e. a 87 MW times the % of average yearly operational running time of the average utility boiling water reactor engine estimated here as 30% or a 26 mega watt solar furnace with a research gaseous electrolyte coolant as the superfluous research structure.

This engineering theory constructed DO-LOOP and some actual practical engineering construction of this DO-LOOP are required to survey the accuracy of the MARK II Owner's Group suppression pool computer graphic simulation intrinsic with some alleged and uncorroborated structural diversion from the engineering blueprints of the MARK II Owner's Group Zimmer Power Station - Unit 1 suppression pool.

### Contention 3

Boiling water transport processes in the reactor and suppression pool of the Zimmer Power Station - Unit 1 need to be considered as electrolyte boiling water transport processes with respect to any alleged and uncorroborated structural alteration and with respect to v.82 ChNE 114.

### Contention 4

The ion exchange resin system is not designed to handle radiation-induced outgassing from sorption pump material in addition to zirconium pellets and electrolyte H<sub>2</sub> outgassing as an aid to bubble formation coolant flow induction in the columnular zirconium vacant fuel <sup>columns</sup> ~~cores~~ with respect to any alleged and uncorroborated structural alteration and with respect to v.82 ChNE 115.

### Contention 5

Contentions 3 and 4, above, form a practical DO-LOOP specifying the water dissolved gases be considered as an electrolyte accretion problem and that resin changing must be <sup>smoothly</sup> continuous in order to meet the observational-empirical requirements of some electrolyte system with straight enthalpy-composition phase lines with respect to any alleged and uncorroborated structural alteration of the Zimmer Power Station - Unit 1 at Moscow, Ohio and with respect to the references of Contentions 3 and 4.

## REFERENCES

(All references are Research Annals of the University of Cincinnati, (Ohio), College of Engineering.)

- v.80 ECE 107, The complexity of residue addition and multiplication, Papachristou, Christos A.
- v.82 ADM 107, Deformation kinetics in three dimensions, Valanis, K.C.
- v.82 ADM 109, Partial integrability as the basis for the existence of entropy in irreversible systems, Valanis, K.C.
- v.82 ChNE 114, Analytical form of the Ponchon-Savarit method for systems with straight enthalpy-composition phase lines, Govind, R.
- v.82 ChNE 115, Radiation-induced outgassing from sorption pump material, Patel, V.N., Anno, J.N.
- v.82 CEE 101, Elastic-plastic analysis for tension-weak materials using a linearized yield surface, Weisgerber, F.E.
- v.82 ECE 132, Complexity of table look-up processing for multi-operand residue addition and multiplication, Papachristou, Christos A.
- v.82 ECE 126, An extended precision logarithmic number system, Taylor, F.J.
- v.82 MIE 115, A finite element stress analysis of spur gears including fillet radii and rim thickness effects, Chang, S.H., Huston, R.L., Coy, J.J.