Hyperion Power
New Clear Energy

25 February 2010

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

SUBJECT: Notification of Intent of Hyperion Power Generation, Inc. to Submit Design Certification
                 Application in FY 2012

REFERENCE: (a) NRC Regulatory Issue Summary 2010-01, *Process for Scheduling Acceptance
                 Reviews of New Reactor Licensing Applications and Process for Determining Budget
                 Needs for Fiscal Year 2012*, dated February 3, 2010

As requested in Reference (a), Hyperion Power Generation, Inc. (Hyperion) is notifying the Nuclear Regulatory
Commission (NRC) that Hyperion anticipates submitting an application for Design Certification for our Hyperion
Power Module (HPM), in accordance with the process defined in 10 CFR Part 52, in   . This advance
notification is provided in order to assist the NRC Staff in determining FY 2012 budget needs.

The HPM design is a small modular reactor that produces 25MWe and uses a uranium nitride fuel and lead-bismuth
eutectic coolant. The HPM will be sealed at the factory, sited underground, and eventually returned to the factory for
waste and fuel disposition after a useful life of seven to ten years. The reactor is small, only 2 meters across by 2.5
meters in height, and may be transportable by train, ship, and truck. Given its small, safe, and simple design, we
believe the HPM will fill an important market need in the United States and abroad in the coming years.

Hyperion will continue to keep the NRC informed if our plans change. If you have questions or need additional
information, please contact either of us by telephone at (703) 722-2821 or by email at
deborah@hyperionpowergeneration.com.

Sincerely,

Deborah Deal Blackwell

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