DONALD L. HAES, JR., CHP, CLSO

Radiation Safety Specialist

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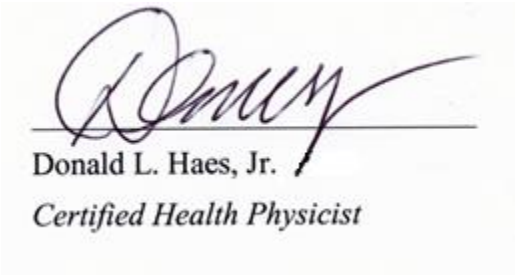
In the 1990's I was part of a Christian family in the highlands of Lowell, MA, with my two young children enrolled in Christian schools. In an effort to support the Christian values of my family, I sought continued education through institutions associated with the Council of Private Colleges of America. [1] I was directed to the *American Council of Private Colleges of America*, which listed a PhD in radiation protection at Hamilton University ("founded in 1976"). I examined the institution at the time and found no information which would lead me to believe that this was anything other than an accredited institution. I completed the requirements, including presenting a 100+ page project entitled "Subjugating Technical Imperfections in Composition of a Wireless Cellular Telephone Radio-Frequency (RF) Environmental Assessment Evaluation Report". This paper outlined the approach I developed to determine compliance with FCC Rules and local by-laws. I recently learned the *American Council of Private Colleges of America* is NOT associated with the Council of Private Colleges of America, and therefore there is no accreditation for comparison with the United States Department of Education (USDE). Therefore, I have removed the "PhD" moniker from my signature stationery.

The attached **Summary of Qualifications** presents my education, training, and experience sufficient to be considered a "Qualified Expert" in the field of radiation protection.[2]



[1] "The CPCA is a Faith Based educational association for Faith Based institutions that offer instruction in any US State or Territory , and internationally where verifiable. Membership approval is determined by the CPCA." http://cpca-edu.us/

[2] 105 CMR: DEPARTMENT OF PUBLIC HEALTH; 105 CMR 120.000: THE CONTROL OF RADIATION; §120.005: Definitions; **Qualified Expert** means an individual having the knowledge and training to measure ionizing radiation, to evaluate safety techniques, and to advise regarding radiation protection needs, for example, individuals certified in the appropriate field by the American Board of Radiology, or the American Board of Health Physics, or the American Board of Medical Physics, or those having equivalent qualifications.

SUMMARY OF QUALIFICATIONS

- **Academic Training -**
  - Graduated from Chelmsford High School, Chelmsford, MA; June 1973 (See Figure 1).
  - Completed Naval Nuclear Naval Nuclear Power School, 6-12/1976 (See Figure 2).
  - Completed Naval Nuclear Reactor Plant Mechanical Operator and Engineering Laboratory Technician (ELT) schools and qualifications, Prototype Training Unit, Knolls Atomic Power Laboratory, Windsor, Connecticut, 1-9/1977 (See Figure 2).
  - Graduated Magna Cum Laude from University of Lowell with a Bachelor of Science Degree in *Radiological Health Physics*; 5/1987 (See Figure 3).
  - Graduated from University of Lowell with a Master of Science Degree in *Radiological Sciences and Protection*; 6/1988 (See Figure 4).

- **Certification -**
  - Board Certified by the American Board of Health Physics 1994; renewed 1998, 2002, 2006, 2010, 2014, and 2018. Expiration 12/31/2022 (See Figure 5).
  - Board Certified by the Board of Laser Safety 2008; renewed 2011, 2014, 2017. Expiration 12/31/2020 (See Figure 6).

- **Employment History -**
  - Consulting Health Physicist; Ionizing/Nonionizing Radiation, 1988 - present.
  - Radiation, RF and Laser Safety Officer; BAE Systems, 2005–2018 (retired).
  - Assistant Radiation Safety Officer; MIT, 1988 – 2000 (full time); 2000 - 2005 (part time).
  - Radiopharmaceutical Production Supervisor - DuPont/NEN, 1981 – 1988.
  - United States Navy; Nuclear Power Qualifications, 1975 – 1981 (Honorably Discharged).

- **Professional Societies -**
  - Health Physics Society [HPS].
  - American Academy of Health Physics [AAHP]
  - Institute of Electrical and Electronics Engineers [IEEE];
  - International Committee on Electromagnetic Safety [ICES] (ANSI C95 series).
  - Laser Institute of America [LIA].
  - Board of Laser Safety [BLS].
  - American National Standards Institute Accredited Standards Committee [ASC Z136].
  - Committee on Man and Radiation [COMAR].

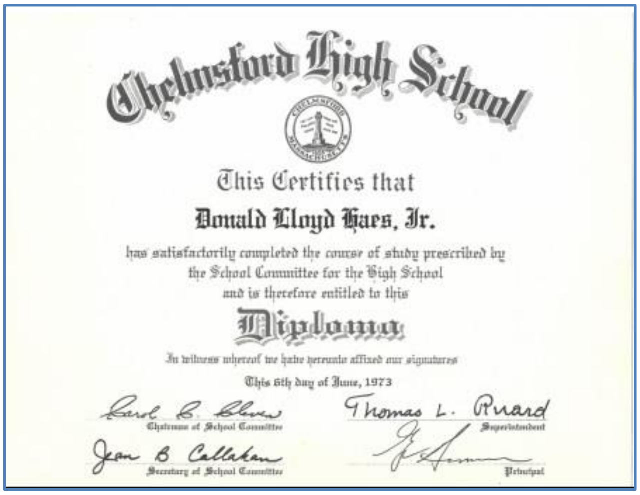
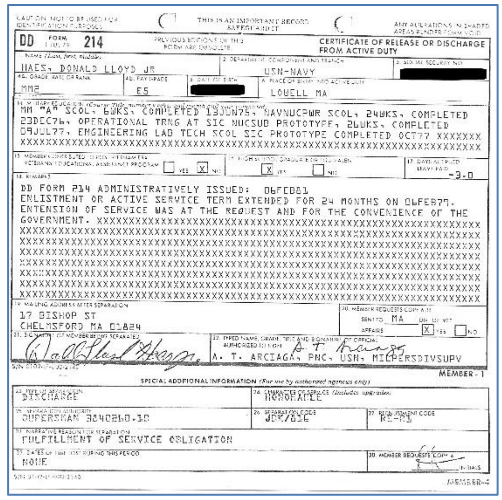


Figure 1



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2. DEPARTMENT, COMPONENT AND BRANCH: USN-NAVY
3. SOCIAL SECURITY NO.: [redacted]
4a. GRADE, RATE OR RANK: MM2
4b. PAY GRADE: E5
5. DATE OF BIRTH: [redacted]
6. PLACE OF ENTRY INTO ACTIVE DUTY: LOWELL MA

14. MILITARY EDUCATION: MM "A" SCOL, 6WKS, COMPLETED 13JUN75, NAVNUCPWR SCOL, 24WKS, COMPLETED 23DEC76, OPERATIONAL TRNG AT SIC NUCSUB PROTOTYPE, 26WKS, COMPLETED 09JUL77, ENGINEERING LAB TECH SCOL SIC PROTOTYPE COMPLETED OCT77 XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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27. REENLISTMENT CODE: RE-R1
28. NARRATIVE REASON FOR SEPARATION: FULFILLMENT OF SERVICE OBLIGATION
29. DATES OF TIME LOST DURING THIS PERIOD: NONE
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MEMBER-4

Figure 2

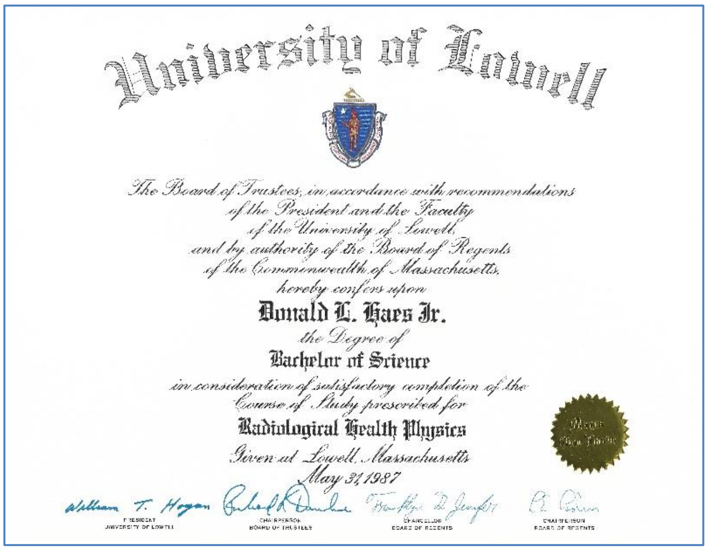

Figure 3

Figure 4

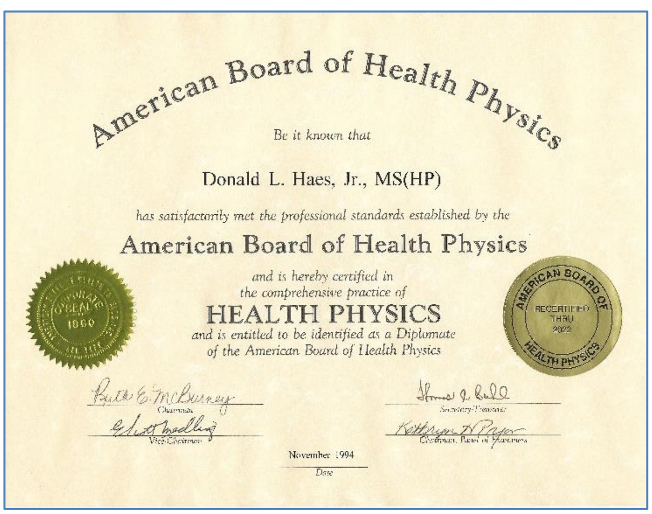

Figure 5

Figure 6