1711 Orbit Way
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BENTLY
PRESSURIZED BEARING COMPANY

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28 June 2005

Mr. Eugene W. Cobey, Chief
Project Branch 3
Division of Reactor Projects
United States Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

Dear Mr. Cobey:

SUBJECT: HOPE CREEK NUCLEAR GENERATING STATION "B" REACTOR RECIRCULATION PUMP

Thank you for your letter dated 24 June 2005 and the enclosures regarding the above subject, which I received Monday, 27 June 2005. I will not be pursuing any further information at this time.

Enclosed is a notice for our third international symposium on stability control of rotating machinery, ISCORMA-3, to be held 19-23 September 2005 in Cleveland, Ohio. For more information please visit our website at: www.iscorma.com

Also enclosed is a brochure on my book, ***Fundamentals of Rotating Machinery Diagnostics***, that I published a couple of years ago.

Dr. Agnes Muszynska has recently written a book, ***Rotordynamics***. I don't know the price of it as it was just published a week or so ago. She and I worked together for more than 20 years to develop the information therein.

Sincerely,

BENTLY PRESSURIZED BEARING COMPANY

Donald E. Bently

Donald E. Bently, P.E.
Chairman and CEO

DEB:cjm

Enclosures (2)

Phone: (775) 783-4601
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Fundamentals of Rotating Machinery Diagnostics

NEW PUBLICATION

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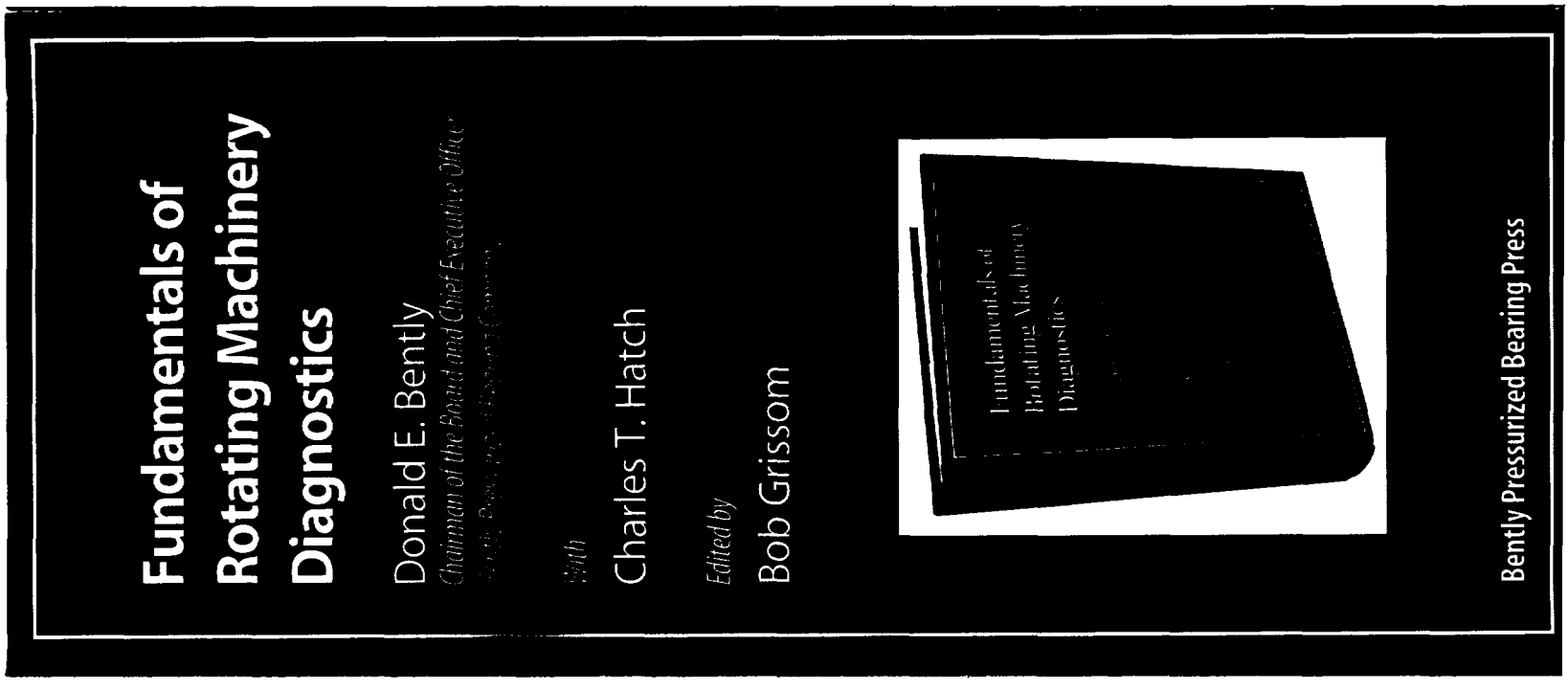

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Fundamentals of Rotating Machinery Diagnostics

DONALD E. BENTLY WITH CHARLES T. HATCH; Edited by BOB GRISSOM

A practical course in the fundamentals of machinery diagnostics for anyone who works with rotating machinery, from operator to manager, from design engineer to machinery diagnostician. This comprehensive book thoroughly explains and demystifies important concepts needed for effective machinery malfunction diagnosis;

VIBRATION FUNDAMENTALS: vibration, phase, and vibration vectors.

DATA PLOTS: timebase, average shaft centerline, polar, Bode, APHT, spectrum, trend, XY and the orbit.

ROTOR DYNAMICS: the rotor model, dynamic stiffness, modes of vibration, anisotropic (asymmetric) stiffness, stability analysis, torsional and axial vibration, and basic balancing. Modern root locus methods, (pioneered by Walter R. Evans) are used throughout this book.

MALFUNCTIONS: unbalance, rotor bow, high radial loads, misalignment, rub and looseness, fluid-induced instability, and shaft cracks.

Hundreds of full color illustrations explain key concepts, and several detailed case histories show how these concepts were used to solve real machinery problems. A comprehensive glossary of diagnostic terms is included

About Donald E. Bently, P.E.

Chairman and Chief Executive Officer
Bently Pressurized Bearing Company

Donald Bently founded and then served as Chairman and Chief Executive Officer of Bently Nevada Corporation for over 40 years. He pioneered the use of the eddy current proximity probe for machine monitoring and diagnostic applications. Under his leadership, Bently Nevada Corporation became the premier provider of machine monitoring and diagnostic systems worldwide. During his years at the helm of Bently Nevada Corporation, he also founded Bently Rotor Dynamics Research Corporation (BRDRC). As President of BRDRC, he assembled a group of the finest mechanical engineers and rotor dynamics researchers in the history of the rotor dynamics field. Donald Bently and the researchers and engineers at BRDRC produced over 50 significant articles, papers, and contributions to both the fundamental mathematics of modern rotor dynamics and to the actual field practices in use today. For nearly 20 years Donald Bently and his team at BRDRC conducted extensive study and refinement of the Root Locus method (invented by Walter R. Evans, 1948).

Donald Bently, in collaboration with Dr. Agnes Muszynska, developed many of the equations for Dynamic Stiffness that paved the way for modern accurate machinery models. These equations are used in laboratory and field machinery testing to accurately determine operating stiffness parameters. In 1994 Dr. Muszynska became the ninth female to be recognized as an ASME Fellow. In October of 2002 Donald Bently was recognized as an ASME Fellow.

Donald Bently presented the 2001 'Walter Evans' award, a 1 oz. platinum eagle coin, to Prof. Robert H. Cannon, Jr., Professor Emeritus, for his contribution in the field of control theory using root locus method. In 2002 Donald Bently will present this award to the family of Dr. Judson S. Swearingen posthumously for his work on turbo expanders.

E-mail: don@bpb-co.com Website: www.bpb-co.com

CALL FOR PAPERS

Deadline: 1 September 2004

The 3rd International Symposium on Stability Control of Rotating Machinery

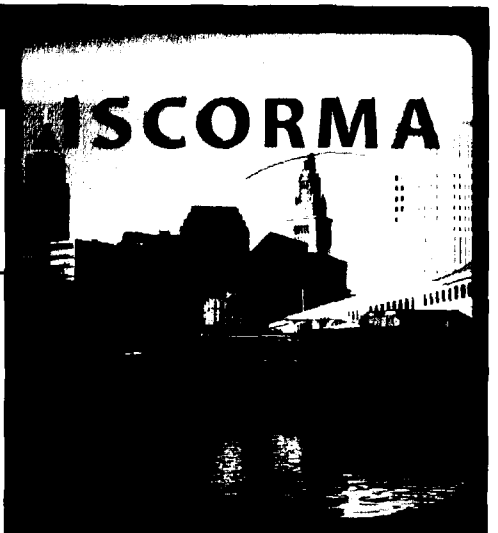
19-23 September 2005 - Cleveland, Ohio

The ISCORMA conference provides a biennial forum for industry and academia to share knowledge regarding the causes, behavior, and alleviation of instability phenomena in rotating machinery.

Theoretical and experimental research papers, as well as case histories, are solicited in the following areas:

- Monitoring and diagnostics (practice, field case histories) with special attention to the cases of instability and practical means to eliminate them
- Stability of rotating equipment (experimental and analytical methods of stability study on rotating machinery and dynamic stiffness measurement)
- Bearing/seal technology
- Rotating machinery modeling and its application to design and diagnostics
- General rotor dynamics

An abstract of 250 words or less in English (the official language of the symposium) should be submitted by mail or e-mail no later than 1 September 2004.



The 3rd International Symposium on Stability Control of Rotating Machinery

www.iscorma.com

Abstracts from previous ISCORMA conferences and updated information for ISCORMA-3 are available on the conference website at: www.iscorma.com.

CALL FOR PAPERS

Deadline: 1 September 2004

ISCORMA 3
2005

For submittal requirements contact Jeanette Cox, Conference Administrator, at 775.783.4614, Fax: 775.783.4650, E-mail: jeanette.cox@bpb-co.com.

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Stilwell Hall #242, Cleveland, OH 44115-2425,
Phone: 216.687.2565, Fax: 216.687.9280,
E-mail: j.sawicki@csuohio.edu.

If you can not attend please pass this card along to a colleague.

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