

A photograph of two large, cylindrical concrete cooling towers of a nuclear power plant. The towers are weathered and have a grid-like pattern on their surface. They are set against a bright blue sky with scattered white clouds. The towers are partially obscured by a chain-link fence and some green foliage in the foreground.

 **WASTE:
THE NUCLEAR
NIGHTMARE**

***“if the Egyptians
had stocked
nuclear waste,
who would be
dealing with it
today?”***

Hubert REEVES

In a rapidly changing world, viewers count on broadcasters to observe the world and the issues our planet is facing, with a priority: clarity!



AUTHORS

Laure Noualhat,
Eric Guéret
and Michèle Rivasi

DIRECTOR

Eric Guéret

PRODUCERS

Arte France -
Bonne Pioche
(Sophie Parrault)

FORMAT

72' & 98', 2009 - **HD**

VERSION(S)

English - German - French

**AN INTERNATIONAL
INVESTIGATION FEATURING
EXPERT INTERNATIONAL
ACCOUNTS:**

- **Mike Townsley**,
Greenpeace International
campaign manager
- **Norm Buske**,
American scientist
- **Bruno Chareyron**,
Nuclear physicist, Head of
CRIIRAD laboratory
- **Jaurès Medvedev**,
Author of "Nuclear Disaster
in the Urals", biologist and
Soviet dissident
- **Gulchara Ismagulova**,
Victim of the 1957 accident
- **Alexei Yablokov**,
Former advisor to President
Boris Yeltsin
- **Svetlana Kostina**,
Deputy Minister of
Radiation and Ecological
Safety of the Chelyabinsk
region
- **André-Claude Lacoste**,
Director General of the
Nuclear Safety Authority
(ASN), Director of
communications at The
Hague
- **Jacques-Emmanuel
Saulnier**,
Areva spokesperson
- **Alexandre Deev**,
Tomsk region Deputy (local
legislative assembly)
- **Robert Alvarez**,
Energy Advisor under the
Bill Clinton government
- **Corinne Lepage**,
Former French Minister of
the Environment
- **Hubert Reeves**,
Astrophysicist

WASTE: THE NUCLEAR NIGHTMARE

People are afraid of it, scientists cannot find an acceptable solution to the problem, industry companies are trying to reassure us and politicians avoid talking about it altogether.

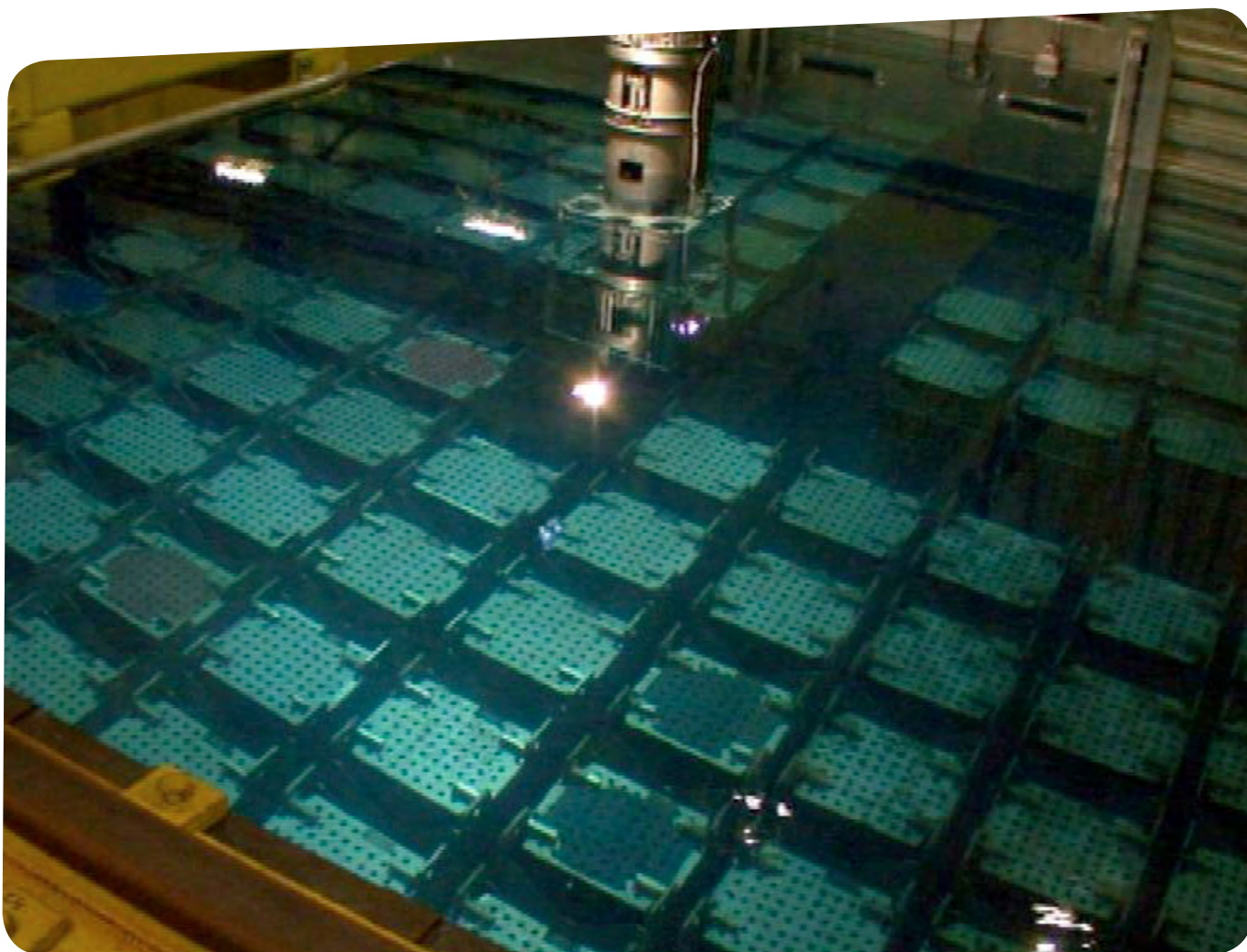
But what do we really know about nuclear waste? How can people have a clear vision of something that has always been shrouded in secrecy?

Looking at the cases of France, Germany, the United States and Russia, this scientific and political report explores the taboo subject of nuclear power, particularly the darkest aspects of the latter.

In seeking «the truth about waste», this film aims to provide, for the very first time, the keys to understanding the choices which weigh heavily on the future of humanity.

arte

**THE ULTIMATE REFERENCE IN
DOCUMENTARY DISTRIBUTION**



VOTE FOR THIS
DOCUMENTARY that
is shaking up public opinion
and providing **a better
understanding of the world
in which we are living.**

Documentary at its best.



**PRIX
EXPORT**

TV FRANCE INTERNATIONAL

☢ Being forced to endure gives us the right to know.
Edmond Rostand quoted by Laure Noualhat

A creative and investigative documentary at the heart of public debate

WHY BROADCASTERS SUPPORT US ON THIS FILM:

- › In today's world, the role of broadcasters is to inform, to investigate and to analyse but also to provoke debate, whilst remaining free from private and political interests.
- › The purpose of this investigation is to provide a better understanding of the world and to denounce an uncomfortable truth.
- › The media are agents of democracy and counter-power: information moves things forward.

KEY THEMES BROACHED IN THE FILM:

- › The environment
- › The debate on fossil and renewable energies
- › The switch from public service to the liberalization of the energy trade and nuclear waste recycling
- › Democracy issues
- › Global warming

THE FILM'S STRENGTHS: FUELLING PUBLIC DEBATE

- › A subject concerning each and every one of us, as well as future generations
- › A tenacious, international investigation, led by a journalist of repute
- › Two years of investigations
- › Independence of producers and broadcasters in relation to industry players
- › Accounts by international experts

☢ ***"In less than 50 years, countries with nuclear power have immersed over 100,000 tons of waste in the various oceans."*** Mike Townsley (Greenpeace)

Our strength: being present across all media and negotiating broadcasting rights, as well as licences for DVD editors and institutions.

SALES STRATEGY

ARTE SALES was nominated for this award for THE WORLD ACCORDING TO MONSANTO in 2009. As a result, the ARTE brand is now strongly associated with major international investigations dealing with sensitive worldwide issues.

4 main ideas govern our sales strategy and marketing for this film:

> 1 < Strongly connecting the ARTE channel and brand while marketing this outstanding doc, and demonstrating that broadcasters worldwide **can rely on ARTE's strong brand with its high public profile and excellent image.**

> 2 < Convincing media players worldwide (TV, VOD platforms, DVD publishers, etc.) to give the program and the purpose the visibility we believe they deserve.

We have observed that **WASTE: THE NUCLEAR NIGHTMARE** has strongly resonated with NGO communities (like Greenpeace), which has reinforced ARTE's image as a socially responsible media player, provoking public debate and immediate political reaction and investigation.

Airing WASTE: THE NUCLEAR NIGHTMARE fits a TV editorial line but it also fits a corporate responsibility image, underlining and adding value.

> 3 < Approaching channels willing to air strong docs dealing with issues affecting the planet: **global warming, renewable energy, green issues, science slots, investigations, current affairs and public health issues.**

> 4 < Favouring festival, non-commercial screenings and partnerships with major CRS actors, in order to promote the purpose and obtain maximum exposure for these major issues facing our planet.

MARKETING TOOLS



ARTE Sales website.

www.artepro.com/sales

A brand new website allowing on-line screening and providing efficient information to our clients.

Strong Market attendance (we participate in over 25 markets and personal business trips every year, worldwide)

Dedicated flyer and catalogue.

Advertising: in major business magazines such as C21, RE-ALSCREEN, WORLDSCREEN etc. Communication (relying on our network of journalists, we disseminate information on a regular basis about new programs, our strategy, deals, etc (TBI, Worldscreen, C21, etc.)

Direct marketing: Newsletters and email shots to our clients.

☢ 200,000 tons of radioactive waste throughout the world that will be dangerous for 200,000 years. 436 working reactors in the world.

A hard-hitting film with international impact, broadcast the world over

OUR CHANNEL PARTNERS



95 COUNTRIES WHERE THE FILM HAS BEEN SHOWN



Algeria, Angola, Austria, Bahrain, Belgium, Benin, Botswana, Brazil, Bulgaria, Burkina Faso, Burundi, Cameroon, Canada, Cape Verde, Central African Republic, Chad, China, Comoros, Congo, Democratic Republic of Congo, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Flemish-speaking Belgium, France, French-speaking Belgium, French-speaking Canada, Gabon, Gambia, Georgia, German-speaking Switzerland, Germany, Ghana, Greece, Guinea, Guinea-Bissau, Haiti, Hong-Kong, Ile Maurice, Iran, Iraq, Italian-speaking Switzerland, Italy, Ivory Coast, Japan, Jordan, Kenya, Kuwait, Lebanon, Lesotho, Liberia, Libya, Luxembourg, Madagascar, Malawi, Malaysia, Mali, Mauritania, Mexico, Morocco, Mozambique, Namibia, Niger, Nigeria, Palestine, Qatar, Rwanda, Sao Tomé and Principe, Saudi Arabia, Senegal, Sierra Leone, Singapore, Slovenia, Somalia, South Sudan, Spain, Sudan, Sultanate of Oman, Swaziland, Switzerland, Syria, Taiwan, Thailand, Togo, Tunisia, Turkey, Uganda, United Arab Emirates, United States of America, Yemen, Zambia, Zanzibar, Zimbabwe.

OUR DVD PARTNERS



☢ “The waste will be dangerous for 200,000 years. It must not re-enter nature before then.”

Jacques Delay - Head of science department at the Bure Laboratory.

Awards, Selections and Strong Market Attendance

BANFF ROCKY AWARDS 2010,

Award for best Investigative
and Current Affairs documentary

ÉTOILES DE LA SCAM 2010

(France) - Awarded an "Etoile"

GREEN FILM FESTIVAL 2010

(Switzerland) - Environment prize
awarded by Greenpeace

FESTIVAL IMAGÉSANTÉ 2010

(Belgium) - Official selection

BOURGES INTERNATIONAL ECOLOGICAL FILM FESTIVAL 2009

(France) - Official selection

FESTIVAL PARISCIENCE 2009

(France) - Official selection

PLANET IN FOCUS 2009, TORONTO

(Canada) - Official selection

PRIX EUROPA 2009, BERLIN

(Germany) - Official selection

WIND FESTIVAL 2009, CALVI

(France) - Official selection

MONTREAL INTERNATIONAL DOCUMENTARY FESTIVAL 2009

(Canada) - Official selection

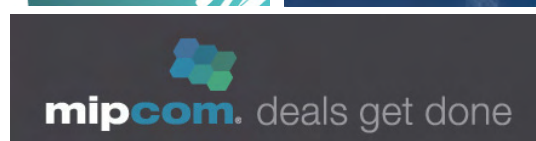
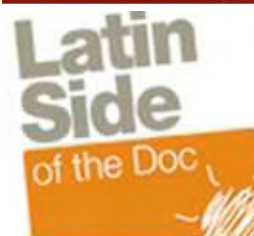
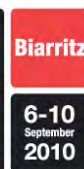
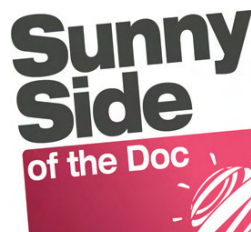
VISIONS DU RÉEL 2009, NYON

(Switzerland) - Official selection
in the Investigation category

MEXICO CITY INTERNATIONAL CONTEMPORARY FILM FESTIVAL 2010

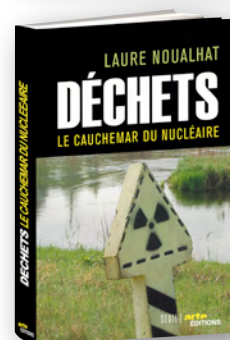
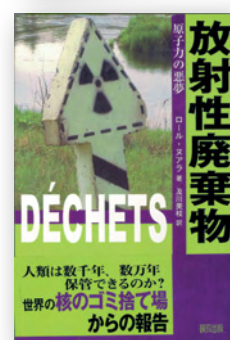
(Mexico) - Official selection

STRONG MARKET ATTENDANCE



The figures speak for themselves: a film with a strong and lasting international impact!

- Sold to **23** TV channels
- Edited for DVD with **7** DVD editors
- Broadcast on the circuit of more than **32** institutional antennae including the Greenpeace and Attac networks
- **95** countries reached (all media)
- Viewing figures for the initial French broadcast on 13/10/2009 = **885.000** TV viewers
- The online chat with authors on arte.tv garnered over **5,000** Internet users: a first.
- Record viewing was achieved during the catch-up broadcast on the ARTE+7 player: + de **200,000** viewings (10 times more than the average number of views)
- ARTE VOD: the purchase rate is **200% higher** than average sales for a documentary
- DVD: nearly **20,000** DVD sold over **10,000** in France and over **5,000** in Germany **1,000** in Japan...
- Illegal viewing on Youtube : over **300.000!**
- Sold on ITUNES, SFR and other VOD platforms



PRESS

BS1 世界のドキュメンタリー THE WORLD DOCUMENTARY

BS1 月曜~木曜 深夜24時~(午前0時~)

Top Schedule Encore Back number Staff blog Information About English

終わらない悪夢 前編(再)

2011年5月16日 月曜深夜火曜午前 0時00分~0時50分
再放送 11年7月24日 日曜深夜月曜午前 0時00分~0時50分
11年8月10日 水曜午後 11時00分~11時50分



原子力発電を推進する上で、当初から最大のネックは原子力から排出される放射性廃棄物。いつか来る核のゴミの処理方法だ。およそ50年の間、各国はドラム缶に詰めて海洋投棄していたが、グリーンピースなど民団の反核団体の運動が響き、1993年以降は船上からの海洋投棄は全面禁止となった。その後、各国は核廃棄物をどう処理しているのか？

核開発はもともと軍事技術として研究が進められたため、取材前はまず世界初のプルトニウム生産工場を訪ねることに。米・エネルギー庁から取材を拒否されるが、コロラド川沿いのハンフォード核施設に近づくと、土壌からも、川の水からも、高濃度のウランやトリウムが検出。かつて汚染水が注ぎ込まれたコンクリートからは、今も漏れがあるという。

一方、旧ソ連の核開発拠点となったチェルノブイシウクのマヤーク核施設では、1957年に核開発事故が起きたが、公表されず地元住民にも伏せられた。この地域を流れる川の下游は、今も放射能レベルは高く人々の健康が脅かされている。さらに汚染された魚や牛乳を売ったため体内に蓄積している例もあるという。ずさんな実態が明らかになる。

【後編につづく】

原題: Waste: The Nuclear Nightmare
制作: Arte France / Bonne Pioche (フランス 2009年)

DÉCHETS, LE CAUCHEMAR DU NUCLÉAIRE

ARTE 20.45 **UNE ENQUÊTE EMBARRASSANTE SUR LE TRAITEMENT DES DÉCHETS**

On est dans les champs. Au loin, on distingue les bâtiments de l'usine nucléaire de la Hague, dans le Cotentin. Les personnages discutent des mesures de radioactivité effectuées aux alentours. Le responsable des mesures d'Arve parle: « On est dans le bruit de fond de la radioactivité. » La journaliste: « Si on ne parle pas de contamination, on parle de quoi? » Le responsable cherche ses mots, finit par répondre: « Mot, je parle d'absence d'impact, enfin, il y a, euh, oui, enfin, on va le refaire, là, parce que je... »

Oui, si on ne parle pas de radioactivité, de danger et de santé à propos des déchets nucléaires, on parle de quoi? D'une fiction. Selon laquelle les déchets seraient correctement gérés, et selon laquelle l'industrie nucléaire aurait une solution. C'est ce que montre avec pédagogie et retenue le documentaire. Il nous emmène à Hanford, au nord-ouest des États-Unis, où depuis soixante ans s'accumulent des déchets liquides issus de la production du plutonium militaire. Qui fuient dans la rivière voisine.

TRÈS PEU DE RECYCLAGE EN FRANCE
On va ensuite à Tschelabinsk, en Russie, où s'est produite en 1957 l'explosion d'une cuve de déchets nucléaires. Quarante ans plus tard, lacs et rivières sont toujours pollués - à des taux « hallucinants », observe un scientifique de la Cnrs (Commission de recherche et d'informations indépendantes sur la radioactivité) que les journalistes ont emmené avec eux.

A la Hague, l'enquête constate que chaque année, l'usine rejette dans la mer 400 m³ de liquides radioactifs. Un traité de 1993 interdit d'immerger les déchets quand ils sont dans des fûts, mais pas quand on les envoie par canalisation... La Hague rejette aussi du krypton par voie aérienne. « Les gens autour de la Hague respirent en permanence de l'air radioactif », dit Bruno Chareyron, de la Cnrs. Mais le système français de retraitement ne recycle-t-il pas l'essentiel de ses déchets, comme le dit Jacques-Emmanuel Saulnier, d'Arve? Pas précisément. Une partie de l'uranium de retraitement français est expédiée à Tomsk, en Russie. Au total, seuls quelques pourcentages des déchets nucléaires français sont recyclés, et non 95%, comme le dit Arve.

Le film s'interroge sur le stockage ultime, en profondeur: « Évidemment des produits très dangereux », constate un scientifique de l'Agence nationale des déchets radioactifs. Ils sont censés ne pas ressortir dans la nature avant 200 000 ans. « Écrire l'avenir impose de faire confiance », conclut Bernard Sigot, commissaire à l'énergie atomique. Mais peut-on faire confiance aux nucléaristes? Et leur laisser l'écriture de l'avenir? ■

Hervé Kempf

Eric Guéret et Laure Noualhat (France, 2009, 90 minutes).



La contamination de certaines rivières est due au rejet direct de déchets hautement radioactifs. Ici la rivière de Techa, en Russie. SOURCE: POCHE

JAPON



USA



FRANCE



Waste: The Nuclear Nightmare



Eric Guéret, Director
2009 | 77 | Feature

Despite claims from France's nuclear industry that 97% of spent nuclear fuel is recycled, filmmaker Eric Guéret and producer Laure Noualhat reveal the shocking truth about the waste from France's 58 nuclear reactors (which provide 80% of the country's electricity). What they discovered seriously questions whether nuclear power can ever be considered safe and clean. Enlightening and lucid, WASTE is a gripping investigation into the political, scientific and economic issues of nuclear power that also explodes many commonly repeated myths.

☢ **“What will this landscape look like in 200,000 years? Nuclear power is the only human activity that asks us to makes projections over such vast periods of time.”**
Marc-Antoine Martin Head of communication at the Bure Laboratory

A WINNING TEAM

bONNE PIOCHe
TELEVISION

Independent audiovisual production company
BONNE PIOCHe was founded by three partners, Yves Darondeau, Christophe Lioud and Emmanuel Priou, in 1993. Its area of activity and expertise spans audiovisual production for television (music videos, documentary series and one-off films) as well as feature-length cinema releases.

It aims to surprise audiences with original and innovative stories whose emotional depth transports them to a different place and time.

In 2003, BONNE PIOCHe embarked on an extraordinary cinematic adventure by bringing **“The life of emperor penguins”** in the icy wastes of Antarctica to the screen. The producers’ audacity was rewarded by success in France, followed by an international release and awards from prestigious festivals. **«March of the Penguin»**, which was directed by Luc Jacquet, won the Academy Award for Best Documentary Feature, triggering the development of the company.

Since, **BONNE PIOCHe** has produced documentaries such as **“Being Jacques Chirac”**, **“Hollywood, I’m sleeping over tonight”**, **“Waste : the nuclear nightmare”** and documentary series such as **“Rendez-vous in an unknown land”** and **“The new explorers”**.

arte
SALES

ARTE Sales is the international programme sales unit of the European public channel ARTE.

Our catalogue features over 2,000 hours of documentary, co-produced by ARTE in association with the most prestigious production companies worldwide.

The programmes on offer reflect ARTE’s ambitious editorial policy, and cover a wide range of fields, such as history, society, discovery, science, music and the arts. Imbued with the channel’s daring and creative spirit, ARTE Distribution has become a key international partner.

The team is comprised of 5 motivated sales representatives, two traffic-managers able to supply broadcasting material in a very changing world in terms of technical specificities (HD, encoded files, etc...), a marketing manager and two assistants who organize the various markets we attend every year.

CONTACT:

c-hazard @artefrance.fr

www.artepro.com/sales



ERIC GUÉRET
DIRECTOR since 1992

About twenty documentaries, including:

2012 DEATH IN THE FIELDS

documentary 52' - France 2 (production Program 33)

2010 ALL TOGETHER

- 73' - France 2 (production CinéTévé)

2009 WASTE, A NUCLEAR NIGHTMARE

Documentary - 76' and 98' - ARTE, Sundance Channel, RTBF (production Bonne Pioche TV)

2007 HOMELESS WOMEN

Documentary - 52' - France 5 (production Program 33)